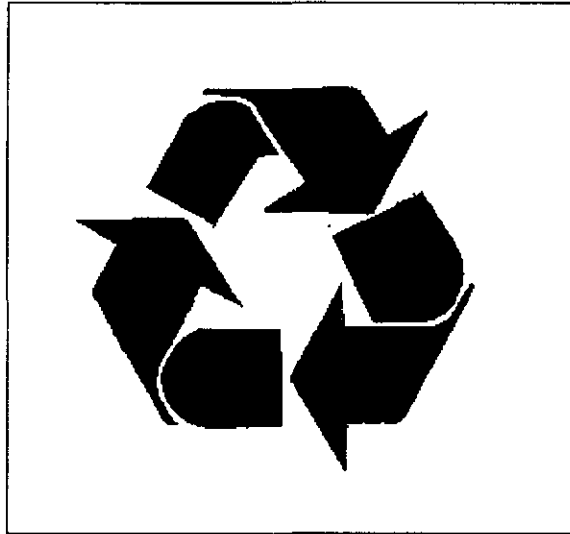

**BIRCH HILL DAM FLOOD CONTROL PROJECT
LOWER CONNECTICUT RIVER BASIN, MASSACHUSETTS**

Solid Waste Management Plan



RECYCLE CONSERVE RESOURCES

March 1999



**US Army Corps
of Engineers
New England District**

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SOLID WASTE MANAGEMENT PLAN

BIRCH HILL DAM
FLOOD CONTROL PROJECT


LOWER CONNECTICUT RIVER BASIN,
MASSACHUSETTS

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March 1999

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS 01742

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GENERAL

1-1 Introduction

This is the Solid Waste Management Plan including, hazardous waste, petroleum, oil, and lubricants (POLs), and recycling for the Birch Hill Dam flood control project in Royalston, Winchendon, and Templeton, Massachusetts. (See Figure 1.)

1-2 Purpose

The plan provides guidance to establish policies, responsibilities, procedures, and instructions for the proper handling, storage, disposal and recycling of all solid waste generated at the project. Solid waste includes petroleum, oil and lubricants (POLs), hazardous waste, paper, beverage containers, woody debris, and various other wastes.

The plan was developed from a literature search and review of federal, state, and local requirements and existing and anticipated waste streams. The plan is not a complete treatise on environmental laws and regulations. It is a list of solid waste regulations, policies, and references that may apply to the flood control project and a codification of existing and enhanced procedures for solid waste management.

1-3 Flood Control Project Description

Birch Hill Dam is located on the Millers River 27.3 miles above its junction with the Connecticut River. The dam and reservoir are located in the towns of Royalston, Winchendon, and Templeton, Massachusetts (See Figure 1.) The project office is located at the dam in Royalston.

Birch Hill Dam flood control project was constructed by the Corps and placed in operation in February 1942. Birch Hill Dam reduces flood levels at the downstream communities on the Millers River, and in conjunction with the other 15 flood control dams in the Connecticut River Basin, aids in reducing flood levels along the Connecticut River.

The project consists of a rolled earth dam (1,400 feet in length with a 56-foot maximum height) with a dumped rock shell, chute spillway composed of three concrete ogee weirs and outlet works. Normally, there is no lake at Birch Hill Dam, Lake Denison, a natural lake situated within the project grounds, is located two miles upstream of the dam. Total project lands equal about 4,637 acres. Recreation opportunities on project lands include swimming, boating, picnicking and hiking.

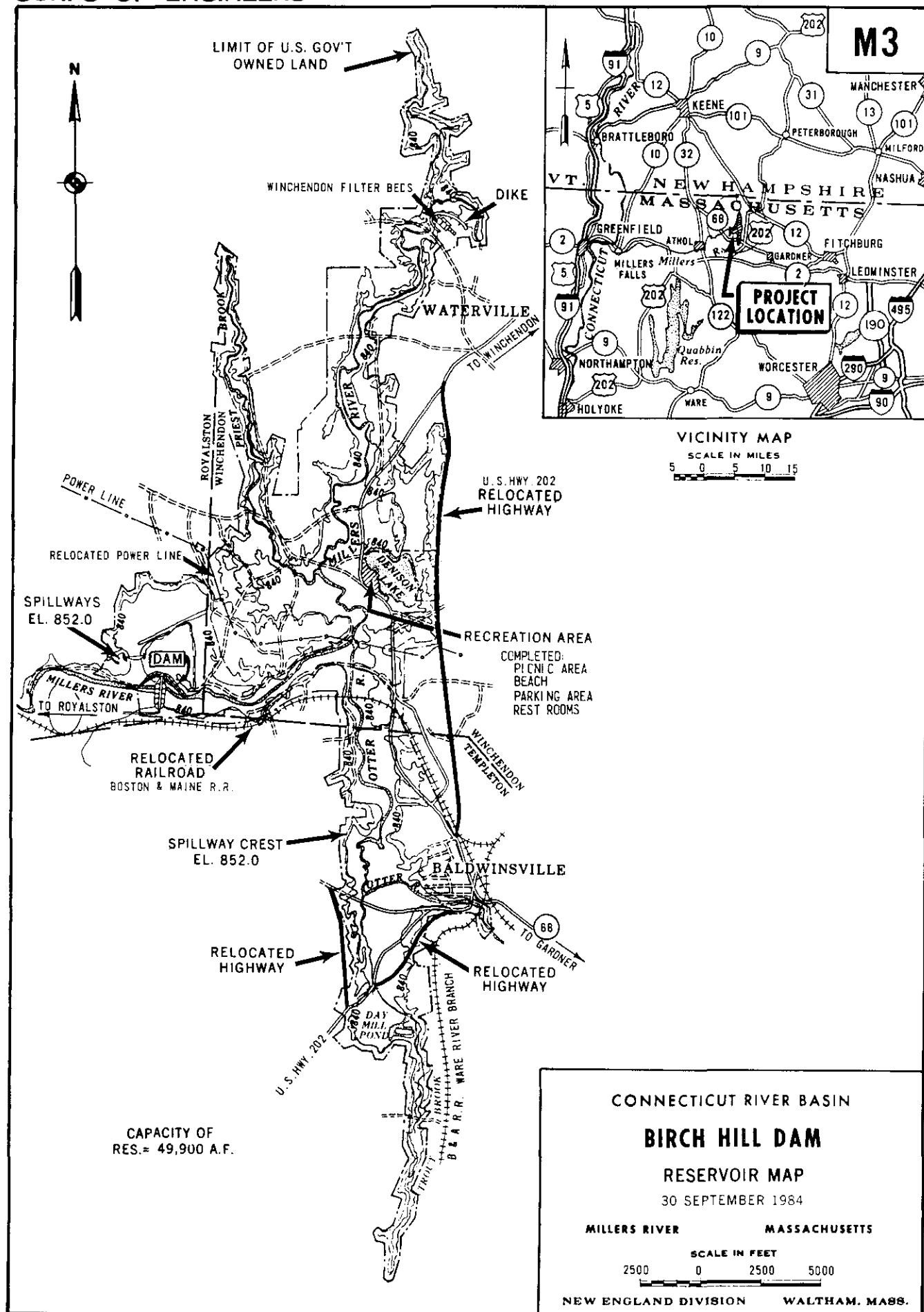


FIGURE 1

LAWS, REGULATIONS and DIRECTIVES

2-1 Federal

The following is a list of pertinent Federal Statutes and Regulations, Executive Orders, Department of Defense Directives, Department of the Army Regulations, and Corps of Engineers Engineering Regulations. This list should be updated periodically as laws and regulations are modified and reviewed by legal counsel, as appropriate, to determine the completeness and applicability of the list.

Statutes

Resource Conservation and Recovery Act (RCRA) of 1976, PL94-580, as amended

 Subtitle C - Hazardous Waste Management

 Subtitle D - State or Regional Solid Waste Management Plans

Toxic Substance Control Act (TSCA) of 1976, Public Law 94-469, as amended.

Federal Facilities Compliance Act (FFCA) of 1992, P.L. 102-386.

Code of Federal Regulations

U.S. Department of Transportation (DOT) Hazardous Materials Regulations including: Registration of Persons Who offer for Transport Hazardous Materials (Title 49 CFR, Part 107); Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements (Title 49 CFR, Part 172, 173); Segregation and Separation Chart of Hazardous Materials (Title 49 CFR, Part 177); and Packaging Standards (Title 49 CFR, Part 178).

U.S. Environmental Protection Agency: Protection of the Environment, Hazardous Waste Management Regulations (Title 40 CFR, 260-266).

U.S. Environmental Protection Agency: Protection of the Environment, Solid Waste Management Regulations (Title 40 CFR, 240-258).

U.S. Environmental Protection Agency: Protection of the Environment, Standard for

Universal Waste Management (Title 40 CFR, 273).

Department of Defense Directives

DoD 4160.21-M, Defense Utilization and Disposal Manual, September 1982, as amended.

DoD Directive Number 4165.60, Solid Waste Management, dated 4 Oct 74.

Department of the Army Regulations

AR 200-1, Environmental Protection and Enhancement, Chapter 5, Hazardous and Solid Waste Management; Chapter 10, Pollution Prevention, 21 February 1997

AR 420-47, Solid and Hazardous Waste Management, 1 December 1984.

US Army Corps of Engineers Regulations and Pamphlets

EP-200-1-2, Process and Procedures for RCRA Manifesting, 31 March 1994.

ER 200-2-3, Environmental Compliance Policies, 30 October 1996.

EP 200-2-3, Environmental Compliance Guidance and Procedures, 30 October 1996

Executive Orders

Executive Order 12088, Federal Compliance with Pollution Standards

Executive Order 12780, Federal Agency Recycling and the Council of Federal Recycling and Procurement Policy, Nov 4, 1991.

Executive Order 12873, Federal Acquisition, Recycling, and Waste Prevention, Oct 22, 1993.

Executive Order 12843, Procurement Requirements and Policies for Federal Agencies for Ozone Depleting Substances, April 21, 1993.

Executive Order 12856, Federal Compliance with Right-to-Know Laws and Pollution

Prevention Requirements, August 3, 1993.

Executive Order 12902, Energy Efficiency and Water Conservation at Federal Facilities, March 8, 1994.

Memoranda

Memorandum, CECC-ZA, dated 30 October 1992, Subject: Federal facilities Compliance Act (FFCA).

Memorandum, CECW-OA, dated 24 Nov 1992, Subject: USACE Facilities Environmental Compliance Letter No. 1, Solid Waste Recycling. (Superseded by memo dated April 1997, see below.)

Memorandum, CECW-OA, dated 25 August 1993, Subject: Hazardous Waste Manifest Policy and Procedures

Memorandum, CECW-OA, dated 22 February 1995, USACE Facilities Environmental Compliance Guidance Letter No. 2 Federal facilities Compliance Act (FFCA) of 1992, Fines and Penalties at Civil Works Funded Projects, Facilities and Activities.

Memorandum. CECW-OA, dated January 1997, Commander's Policy Memorandum #3, Waste Reduction, Recycling and Priority Purchase of Environmentally Preferable and Recycled Products.

Memorandum, CECW-OA, dated April 1997, USACOE Facilities Environmental Compliance Letter No. 1, Waste Reduction and Recycling.

Memorandum, CENAE-OD, dated November 1997, Environmental Compliance.

Reports

USACERL Special Report - EC 95/05, dated Nov 94, titled "Environmental Assessment and Management Team Guide (ERGO)".

USACERL Special Report - EC 95/07, dated Nov 94, titled "Environmental Review

Guide for Operations (ERGO), Supplement for the Environmental Assessment and Management Team Guide".

2-2 Commonwealth of Massachusetts

The Federal government sets minimum national standards for solid waste disposal, but state and local governments are responsible for implementing and enforcing programs. The states may also establish more stringent criteria. The following is a list of pertinent Massachusetts Statutes, Regulations, and Reports.

General Laws

Massachusetts General Laws, Chapter 21C, Hazardous Waste Management Act.

Massachusetts General Laws, Chapter 21H, Solid Waste Facilities Act.

Code of Massachusetts Regulations (CMR)

CMR Title 310 - Chapter 19 - Solid Waste Management Regulations, July 1990, as amended.

CMR Title 310 - Chapter 30 - Hazardous Waste Regulations, July 1982, as amended.

Reports

Massachusetts Solid Waste Management Plan, 1997 update. (Copies of this plan can be viewed via the World Wide Web at: <http://www.state.ma.us/dep>)

Massachusetts Recycling. Massachusetts regulations prohibit the disposal of the following materials in landfills: glass, metal and plastic containers, paper, leaves and yard waste, lead-acid batteries, white goods, and tires.

2-3 Local Ordinances

In general, communities in Massachusetts have not promulgated local ordinances for solid waste management except for requirements for licensing of haulers. Local Communities were contacted by telephone and information obtained is included in Appendix A.

2-4 Applicability

Federal Facilities Compliance Act of 1992. (P.L.- 102-386) This act provides for a waiver of sovereign immunity with respect to federal, state, and local procedural and substantive requirements relating to RCRA solid and hazardous waste laws and regulations. Additionally in its passage of the Act, Congress clearly intended to subject Federal facilities to penalties and fines arising from violation of these laws.

Army Regulation 200-1, 21 February 1997. This regulation applies to Civil Works activities that are under the jurisdiction of the U.S. Army Corps of Engineers. Chapter 5, "Hazardous and Solid Waste Management" defines Army policy for managing hazardous and solid wastes. Some of the major program requirements are listed below.

- o Civil Works activities are to comply with legally applicable and appropriate Federal, state and local regulations for managing, generating, treating, storing, disposing, and transporting hazardous and solid waste. [Section 5-2]
- o Each installation generating hazardous waste will maintain an inventory of hazardous waste that is generated treated, stored, disposed of, or transported off-site. [Section 5-3b]
- o Integrated solid waste management procedures, techniques and practices will be used to manage solid waste and will be documented in the installation Integrated Solid Waste Management Plan. [Section 5-10]
- o Where feasible, installations will obtain solid waste service from municipal utility systems, regional and cooperative systems, private utility companies and the private sector. [Section 5-10]

- o Installations are encouraged to cooperate to the extent practicable, in recycling programs conducted by the local civilian community. [Section 5-10]

Federal Recycling Requirements. (40 CFR 246.200-1 and 246.202-1, DoD 4165.60, Executive Order 12873, CECW-OA-memorandum 15 January 1997, CECW-OA-memorandum 21 April 1997.) According to direction provided in these documents, Corps facilities should reduce the volume of waste materials at the source and participate in any state or local recycling program, whenever practicable. Agencies are also required to set goals for increasing the purchase of recycled and environmentally preferable products. Furthermore, the Commander's Policy Memorandum #3 dated January 1997 referenced above, requires that Corps districts initiate and/or maintain cost-effective waste reduction and recycling programs.

2-5 Suggested Policy Guidelines

Suggested policy guidelines for management of solid waste including Petroleum, Oil, and Lubricants (POLs), waste liquid, and hazardous waste are as follows:

- a. The quantity of solid waste should be reduced at the source whenever possible. (Memorandum CECW-OA, 21 April 1997, 6a)
- b. The projects shall initiate and/or maintain cost-effective waste reduction and recycling programs if they have not already done so. (Memorandum CECW-OA, 15 Jan. 1997)
- c. Non-hazardous and non-toxic materials should be used in facility and activity operations and procedures, when practicable. (Memorandum CECW-OA, 21 April 1997, 6d, 6e.)
- d. To the extent possible, environmentally friendly products and products made from recycled materials should be purchased for use at the project. (Memorandum CECW-OA, 21 April 1997, 6d and 6e, Executive Order 12873.)
- e. Hazardous waste should be safely controlled, accounted for with an audit trail and chain of custody, and handled in accordance with legal requirements. (Federal Facilities Compliance Act of 1992.)
- f. The project should not establish or maintain a landfill at the project.

WASTE DEFINITIONS ¹

3-1 Solid Waste

Solid waste includes garbage, refuse, and sludge as well as any solid, semi-solid, liquid, or contained gaseous material that is discarded. A discarded material is one that has been determined to be an inherently waste-like material by the Environmental Protection Agency (EPA) Region I Administrator. Under certain circumstances, recycled materials are considered discarded materials (and therefore solid waste) if they are used in a manner constituting disposal, burned for energy recovery, reclaimed, or accumulated speculatively. Certain wastes have been excluded from the definition of solid waste: domestic sewage; point-source discharges regulated under the Clean Water Act (CWA); irrigation return flows; source, special nuclear, or by-product material regulated under the Atomic Energy Act; *in situ* mining waste; pulping liquors that are reclaimed; spent sulfuric acid used to produce virgin sulfuric acid; and secondary materials reclaimed and returned to the original generation process for reuse. The regulatory definition of solid waste may be found in 40 CFR 261.2.

3-2 Hazardous Waste

The Resource Conservation and Recovery Act (RCRA) was passed by Congress in 1976 to address the problem of how to safely manage and dispose of municipal and industrial waste generated nationwide. RCRA creates a framework for the proper management of hazardous and non-hazardous waste. Federal regulations set a baseline standard with which everyone involved with hazardous wastes must comply. Frequently, states choose to adopt more stringent regulations than federal regulations.

RCRA addresses the "cradle to grave" management of hazardous waste. This includes the generation, storage, treatment, transportation and disposal of hazardous wastes. RCRA defines hazardous waste as a solid waste (including liquids and gases), or a combination of solid wastes which may, because of its quantity, concentration, or physical, chemical or

¹ Some of the wording in this section was adapted from a publication prepared by ENSR Consulting and Engineering, Acton, Massachusetts, entitled "A guide to Permitting, Compliance, Closure, and Corrective Action Under the Resource and Conservation Recovery Act", dated October 1990.

infectious characteristics:

- o cause or significantly contribute to an increase in mortality or in serious irreversible, or incapacitating illness; or
- o pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.

Certain types of solid waste are excluded from regulation as hazardous waste. These include:

- o household waste;
- o solid wastes generated by growing crops or raising animals, and which are returned to the soil as fertilizers;
- o mining overburden returned to the mine site;
- o ash waste produced from the combustion of fossil fuels;
- o wastes from oil, gas, and geothermal exploration, development, or production;
- o certain wastes failing the toxicity characteristic test including discarded wood or wood products, and petroleum-contaminated media or debris;
- o specific wastes from the extraction, beneficiation, and processing of ores and minerals; and
- o cement kiln dust waste.

See 40 CFR 261.4 for the complete listing of exclusions.

Listed and Characteristic Hazardous Waste. Under the current federal regulatory framework, a solid waste is considered a hazardous waste (and therefore subject to requirements of RCRA) if it is either a "listed" waste under 40 CFR Part 261 Subpart D , or a "characteristic" waste under 40 CFR part 261 Subpart C.

A waste is a listed waste if it comes from a process that was found to generate a "hazardous" waste (non-specific source wastes and specific source wastes), or if the waste is a commercial chemical product that has been discarded. Non-specific source wastes are generic wastes commonly produced by manufacturing and industrial processes and specific source wastes consist of wastes from identified industries such as wood preserving, petroleum refining, and organic chemical manufacturing. Commercial chemical products include such items as acetone, creosote, dichlorodiphenyltrichloroethane (DDT), methanol, and toluene. (Refer to 40 CFR Subpart D, Section 261.30-261.33 for listed wastes.

A characteristic waste exhibits any one or more of the following characteristics: ignitability, corrosivity, reactivity, or toxicity. The regulatory definition of hazardous waste appears in 40 CFR 261.20-261.24.

Special Wastes. Non-hazardous solid wastes require handling other than normally used (see 40 CFR 240.101). Special wastes are waste streams that do not come under RCRA, but may come under state hazardous waste requirements or under the Toxic Substance Control Act. States may choose to include items in their state hazardous waste regulations which are not considered hazardous waste under RCRA.

State Identification and Listing of Hazardous Waste. In addition to the federally listed hazardous wastes, Massachusetts has specified a number of wastes which are regulated as Massachusetts listed wastes. These additional wastes are considered hazardous waste in Massachusetts but not RCRA hazardous waste. Some of the relevant wastes are:

- (1) Waste oil that is not otherwise hazardous pursuant to 310 CMR 30.120 through 30.136. The listing for waste oil includes unused waste oil, used waste oil, or any mixture thereof.
- (2) Wastes which contain polychlorinated biphenyls (PCBs) in concentrations equal to or

greater than 50 parts per million.

Thus in Massachusetts waste oil and wastes containing PCBs are to managed in compliance with hazardous waste regulations. Also Massachusetts regulations include the authority for the Department to further identify hazardous wastes during an inspection if there is reason to believe that the waste meets the general criteria of a hazardous waste as set forth in the regulations. (310 CMR 30.144)

3-3 Non-Hazardous Waste

For purposes of this plan non-hazardous waste are wastes that are not considered hazardous waste under Federal or state regulation. This would include such items as paper, cardboard, beverage containers, scrap metal (free of any residues), and woody debris.

3-4 Classification of Hazardous Waste Generators

Federal Definitions. The first step in the waste cycle is the generator. Under RCRA regulations, generators must determine if their waste is hazardous and must oversee the management and ultimate fate of the waste. RCRA identifies three different categories of hazardous waste generators. The generator definition is important because applicable waste management regulations vary for each type of generator. These categories are conditionally exempt small quantity generator (CESQG), small quantity generator (SQG), and large quantity generator (LQG). Two activities determine your generator category: the rate at which you generate waste and how much you store (accumulate). For general information, a summary of key RCRA criteria for CESQGs [40 CFR 261.5] and SQGs [40 CFR 262] are:

	<u>Hazardous Waste Generation</u> amount/month	<u>Accumulation of Hazardous Waste</u> maximum amount
CESQG	max. 100 kg (220 lbs)(~26 gal.)	1,000 kg (2,200 lbs)(260 gal.)
SQG	max. 1,000 kg (2,200lbs)(~ 260gal.)	6,000 kg (13,200 lbs)(~1,560 gal.)

	<u>Acute Hazardous Waste Generation</u> amount/month	<u>Acute Hazardous Waste Generation</u> maximum amount
CESQG	max. 1 kg (2.2 lbs)(1 quart)	max. 1 kg (2.2 lbs)(1 quart)
SQG	max. 1 kg (2.2 lbs)(1 quart)	max. 1 kg (2.2 lbs)(1 quart)
	<u>Material from Cleanup of a Spill of</u> <u>Acute Hazardous Waste</u> amount/month	<u>Material from Cleanup of a Spill of</u> <u>Acute Hazardous Waste</u> maximum amount
CESQG	max. 100kg. (220 lbs)(~26 gal)	max. 100kg. (220 lbs)(~26 gal)
SQG	max. 100kg. (220 lbs)(~26 gal)	max. 100kg. (220 lbs)(~26 gal)

Federal LQG criteria can be found in 40 CFR 262.

State Definitions. The definitions for waste generators in Massachusetts regulations differ from the definitions in the Federal regulations. Massachusetts regulations have three generator categories:

- (1) Very Small Quantity Generator (VSQG);
- (2) Small Quantity Generator (SQG); and
- (3) Large Quantity Generator (LQG).

The state requirements are more stringent than the Federal requirements. For example the requirements for a VSQG are:

- (a) generates less than 100 kg/month of hazardous waste;
- (b) accumulates less than 600 kg of hazardous waste on-site;

- (c) accumulates 0 kg/month acutely hazardous waste on-site;
- (d) does not generate in a calendar month any residue, contaminated soil, water or other debris resulting from the clean-up of a spill of any regulated recyclable material or acutely hazardous waste;
- (e) does not generate any inner liners or bags containing acutely hazardous waste residue.

The Massachusetts regulations are also different then the Federal regulations because they include determining your status for waste oil generation.

EPA Identification Number. Each project has been assigned an EPA federal facility identification number for reporting purposes. (See Appendix B.) These numbers were assigned to the projects in 1991. At that time the projects were identified as SQGs (federal generator definition). These numbers were issued by EPA to the Corps prior to the Federal Facilities Compliance Act, which was promulgated in 1992. Since the Federal Facilities Compliance Act, the Federal projects are required to meet the Massachusetts regulations relating to RCRA and CERCLA.

Generator Category. Each project should be tracking and documenting, on an annual basis, the amount of hazardous waste generated per month. This data can be used to determine/document the project generator type. This determination should be redocumented each year. (See EP 200-2-3, Section 13-3.) If the generator category changes or if other information regarding the facility requires updating, EPA and the state should be notified. Any actions to modify the generator status or facility information should be approved through the District office.

Rules on Storing and Disposal of Hazardous Waste. The project manager should ensure that the project is in compliance with both state and federal requirements for hazardous waste generators. In general, these requirements include properly storing and labeling hazardous waste, not exceeding accumulation time criteria, and using the manifest system to ensure that waste is sent by a licensed hauler to an EPA and state approved/permitted disposal facility, meeting record keeping and reporting regulations, and providing training to staff.

A comparison of RCRA generator requirements are included in the Environmental Assessment and Management (Team) Guide EC-95/05, page 4-3 and are detailed in the Code of Federal Regulations Title 40, Parts 260-266. Massachusetts requirements are detailed in 310 CMR 30.00 Massachusetts Hazardous Waste Regulations. For informational purposes selected RCRA and state generator requirements are summarized on the following page. For specific information of the generator requirements the project manager should refer to state and federal regulations.

Summary of Selected RCRA Requirements for CESQGs and SQGs (Source: EC/95/05)²

<u>Requirement</u>	<u>RCRA -CESQG</u>	<u>RCRA- SQG</u>
Identify Hazardous Waste	yes	yes
EPA ID Number	Not Required	Required
RCRA personnel Training	Not Required	Required
DOT Training	Required	Required
Exception Report	Not Required	Required > 60 days
Biennial Report	Not Required	Not Required
Accumulation Time Limits	None	180 days
Use Manifests	No ³	Yes

² For LQG requirements see EC/95/05 or CFR Title 40, Parts 260-266.

³ It is NAE policy that all hazardous waste be manifested regardless of the generator status.

Summary of Selected Massachusetts Generator Requirements for VSQGs and SQGs (For full listing of generator requirements see Massachusetts Hazardous Waste Regulations.)

<u>Requirement</u>	<u>MA-VSOG</u>	<u>MA- SQG</u>
Identify Hazardous Waste	yes	yes
EPA ID Number	Not required, (but need to register with MA DEP)	Required
RCRA personnel Training	Suggested	Required
DOT Training	Required	Required
Exception Report	Required	Required
Biennial Report	Not Required	Not Required
Accumulation Time Limits	None	180 days
Use Manifests	yes	yes

WASTE STREAMS

4-1 General Description

Potential waste streams are listed below.

Office Operations. Generates a small amount of high grade office paper, other recyclable paper (e.g. newspaper), containers (plastic, glass, metal), fluorescent lights and light ballasts (check for PCB in ballasts, bulbs may contain mercury), batteries, cardboard and miscellaneous refuse.

Public Use Areas. Beverage containers (plastic, glass, metal) and other picnic refuse.

Vehicle Maintenance. Minimal; vehicle maintenance is conducted off-site by a licensed service station.

Flood Control Dam Equipment Maintenance. Very small amount of cleaning solvents and lubricating oils and greases. Equipment servicing is conducted by a contractor and any residues are carried off-site by the contractor.

Log Boom. Collects woody debris, and other debris to prevent blocking of dam outlet works.

Project Lands. Generates trash illegally dumped at project by the public - may include old tires, yard waste, furniture, medical waste, etc.

Maintenance of Building, Gates, Roads and Bridges. May generate asphalt and building construction debris and other wastes (e.g. paint residues etc.)

4-2 Typical Procedures - Birch Hill Dam

Landfills. There are no active on-site landfills. The burial of solid waste is not permitted.

Miscellaneous Waste Collection. There are four covered barrels at the project office. These are emptied on a weekly basis by project staff. Waste is taken to the town landfill in Royalston.

Recreational Waste Collection. A carry in/carry out policy applies to public recreation areas at the project.

Recyclables. Recyclables are collected at the project office. These items are either recycled locally or in the case of white paper may be brought to the Concord, MA District Office for pick-up by the District Office recycle contractor.

Hazardous Waste. Minimal hazardous waste is generated at the project. However, any amount generated is handled in accordance with applicable state and Federal regulations.

Vehicle and Equipment Maintenance. There is minimum vehicle maintenance on site. Vehicle maintenance is primarily conducted off-site by a licensed service station. Equipment servicing is conducted by a contractor and any residues are carried off-site by the contractor and required to be disposed of in accordance with applicable laws and regulations.

MANAGEMENT OF HAZARDOUS WASTE

5-1 General Requirements

The following is a general outline of hazardous waste management practices. For specific information please refer to the Massachusetts Hazardous Waste Management Regulations or to Guidance included in Appendix C.

A separate collection, packaging and storage system should be established, so that all wastes are properly segregated, identified and labeled to facilitate disposal through a licensed contractor.

The use of materials which generate hazardous waste should be minimized. Hazardous materials should be purchased in minimal quantities for completion of the task at hand.

The hazardous waste should be stored in a container made of or lined with materials which will not react with, and are otherwise compatible with, the hazardous waste to be stored in the container. The container must be Department of Transportation (DOT) approved for highway transportation.

The hazardous waste storage area must meet the requirements of federal and state hazardous waste regulations. In general, the area must be identified by appropriate signs. The storage area floor must be impermeable, safety and emergency equipment must be available, and there must be adequate aisle space.

Throughout the period of storage or treatment, each container must be clearly marked and labeled in a manner which identifies, in words, the hazardous waste(s) being stored or treated in the container and the hazard(s) associated with the hazardous waste (e.g., ignitable, toxic, dangerous when wet). Each container should also be marked clearly with the words "Hazardous Waste". The period of storage can not exceed that allowed by the MA DEP.

The generating activity is responsible for preparation of containers and documentation for disposal and should comply with DOT regulations for transportation of hazardous

materials. Containers must be accompanied by proper documentation and any other information required by the contractor, such as Material Safety Data Sheets (MSDSs), laboratory analysis results, or waste profile data.

Hazardous waste should be disposed of through a licensed hauler and sent to a permitted facility. A hazardous waste manifest should accompany any materials and appropriate record keeping should be utilized. All records regarding hazardous wastes should be maintained for a minimum of 3 years.

Only those trained and formally authorized and designated by the District Commander are allowed to execute hazardous waste manifests and related documents. The formal designation and authorization must be in writing and must state that the employee is within their scope of employment when executing such documents. Record of the authorization should be kept on file. DOT manifest training must be current. Expiration of training will void formal designation authority.

Inspections should be conducted at hazardous waste storage areas to monitor any spills and leaks.

Specific petroleum, oil, and lubricant handling requirements are included in the Spill Prevention, Control and Countermeasures Plan (SPCCP) and Spill Contingency Plan (SCP) for the project.

5-2 Specific Wastes.

Waste Oil. Massachusetts regulates waste oil as a state-listed hazardous waste. If a site is a VSQG then they can self-transport to a state approved recycle facility without a manifest. A receipt should be obtained from the facility and the paper work saved for three years.

Used Oil Filters. Under the hazardous waste regulations, if a generator intends to dispose of used oil filters, the generator is required to determine whether the filter is hazardous waste and to dispose of it properly in accordance with regulations. MA DEP recommends recycling used oil filters. See Policy HW-93-02 in Appendix D.

Cleaning Solvent. Degreasing solvents when disposed may be hazardous wastes.

Lead-Acid Batteries. Spent lead-acid batteries are considered a recyclable material under RCRA [40 CFR 261.6 and 266] and are not subject to hazardous waste regulations if they are recycled. In Massachusetts, spent lead acid batteries are restricted from disposal at landfills or incinerators. Batteries should be stored in a well ventilated and secured storage area with secondary containment to prevent spills to the environment. Filler caps should remain secure to prevent accidental spillage. Vehicle batteries are recyclable and can be returned to their place of purchase.

Other Batteries. Eight metals are commonly used in batteries: mercury, cadmium, lead, zinc, manganese, nickel, silver, and lithium. Batteries suspected to contain these elements should not be disposed of as miscellaneous refuse (primarily nickel cadmium and button batteries) as they may be a hazardous waste. Some of the newly manufactured batteries may be below toxicity levels for hazardous waste.

Federal regulations provide for batteries to be handled in compliance with the EPA standards for Universal Waste Management [40 CFR 273]. Also, Massachusetts has adopted this rule. Information is included in Appendix D on how to comply with this rule.

Surplus Paint and Allied Products. These may include oil-based paint, paint thinners, turpentine, varnishes, shellacs or polyurethane. Purchase of these products should be on an as needed basis. Any residues should be disposed of in accordance with state and federal hazardous waste regulations.

Pesticides/Herbicides. Careful selection, inventory and control of materials will help to reduce or eliminate their disposal. Any residues should be disposed of in accordance with state and federal hazardous waste regulations.

Treated Wood. Some wood is chemically treated to enhance its resistance to rot and insect damage. Treatment extends use from 3-5 years to 20-50 years or longer. The four most common mediums to treat wood are creosote, inorganic arsenical, pentachlorophenol (Penta), and Copper Napthenate. Treated wood is not a "listed" hazardous waste under Federal Regulations. However, it is subject to the Toxicity Characteristics Leaching

Procedure (TCLP) to determine if the wood is a "characteristic" hazardous waste (40 CFR 261.24).

If the treated wood is determined to be a hazardous waste, it should be stored and disposed of in accordance with state and federal regulations.

Fluorescent Lights and Ballasts. These items are known to contain hazardous materials. They should not be disposed of as miscellaneous refuse. Fluorescent lamps contain varying levels of mercury and older light ballast may contain polychlorinated biphenyls (PCBs).

Ballasts containing PCBs are subject to the federal U.S. Toxic Substances Control Act and the federal regulations in Title 40 of the CFR part 761. The project manager should determine if the ballasts contain PCBs and if so comply with these regulations.

Although not all fluorescent light tubes will cause exceedences of the 0.2 mg/l mercury threshold value, the difficulty associated with obtaining a representative sample, variability of sampling data and cost of testing make it easier to discard used lights as hazardous waste rather than perform the analysis. (HTRW Fact Sheet No. 97-06 dated 14 April 1997.)

Similarly, Massachusetts considers spent fluorescent lamps to be potential hazardous waste. See information sheet included in Appendix D. Fluorescent lamp disposal is covered under the Universal Waste Rule.

Empty Containers. Empty containers that contained hazardous materials can be a hazardous waste unless they meet the definition of an empty container contained in the Federal regulations 40 CFR 661.7 and the Massachusetts regulations (310 CMR 30.010). For all hazardous wastes except acutely hazardous wastes, a container is considered empty if:

- o All waste has been removed, that can be, using the practices commonly employed to remove materials from that type of container;
- o And no more than 2.5 centimeters of residue remain at the bottom of the container.

There are additional definitions in the regulations for acutely hazardous waste containers, compressed gases, containers over 110 gallons capacity, and paper bags.

Medical Wastes. Any medical wastes at the project would have to be the result of illegal dumping. If medical wastes are found on the project lands contact the local Board of Health and/or the Massachusetts Department of Public Health to determine the appropriate course of action. The area where the waste is located should be secured and posted as to the hazard. A state approved contractor should be retained to remove the waste from the site. The contractor should be someone experienced in dealing with medical wastes such as an ambulance service or a hospital.

In Massachusetts there are medical manifest requirements under the Massachusetts Department of Public Health Regulations. The medical waste may also be a RCRA listed or characteristic hazardous waste. The District Safety Officer should be notified regarding any medical wastes found on project lands.

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MANAGEMENT OF NON-HAZARDOUS WASTE

6-1 General Requirements

Massachusetts Regulations 310 CMR 19.017(3) prohibit the disposal of or incineration of aluminum, metal or glass containers, single polymer plastics, recyclable paper, leaves and yard waste, and whole tires.

6-2 Recyclable Waste

Containers (glass bottles/jars, aluminum and tin cans, plastic bottles and jars,). These items should be collected separately from miscellaneous refuse. Deposit and non-deposit containers should be recycled. See Appendix E for recycling information.

High Grade Office Paper/Newspapers/Catalogues/Corrugated Cardboard/Mixed Paper. High grade office paper is recyclable and should be collected in separate containers for recycling. Cardboard and other paper is also recyclable. See Appendix E for recycling information.

Scrap Metal. Scrap metal should be disposed of at a recycling center. See Appendix E for recycling information.

Tires. Used tires can and should be recycled. See Appendix E for recycling information.

Also for the latest on community recycling information a good source is E-Call, The Massachusetts Recycling Hotline at (800) 800-6881.

6-3 Woody Debris

Log boom debris - woody debris. Woody debris can either be removed from the project lands by a contractor, composted on site in accordance with MA DEP guidance, or in some cases burning may be permissible (any burning requires a local fire permit). Composting can be done either by chipping the woody material and using it for landscaping/mulch or

creating compost windrows (dimensions about 15 feet at base to 7 to 10 feet high and turned over periodically). The regional MA DEP Office, Solid Waste Management Section and the local Board of Health should be notified of any on-site composting efforts. For more information on composting guidance, contact Sumner Martison at the MA DEP office in Boston at (617) 292-5969.

6-4 Non-recyclable Waste

Miscellaneous refuse and non-recyclable paper. This waste should be picked up by a licensed hauler and disposed of properly by the contractor.

6-5 Difficult to Manage Waste

Construction and Demolition. Construction and demolition (C&D) waste is debris generated from construction, renovation, repair, and demolition of roads, bridges, and buildings. It includes wood, steel, concrete, masonry, plaster, metal, and asphalt. These wastes have a number of beneficial uses, e.g. crushing asphalt and concrete/brick separately or in conjunction with virgin materials to produce recycled asphalt paving; process gravel, road base, and solid fill. Chipping and grinding wood treated with preservatives produces boiler fuel, a bulking agent for sludge composting; wood fiber, and erosion control for landfills. Untreated wood can be chipped for landscape and trail mulch.

At the project, the disposal of this material should be the responsibility of the construction contractor for any renovation project. The material should be required to be disposed of at a state approved C&D disposal facility.

White Metal Goods. White metal goods are household appliances which include refrigerators, water heaters, electric ranges, etc. The preparation of discarded white metal goods for bulking may be done by a community, an appliance dealer or a processor.

Be aware that refrigerators and air conditioners are likely to contain Chlorofluorocarbons (CFCs). CFCs are regulated under air pollution regulations. Also, white metal goods contain small capacitors which may contain PCBs. PCBs are regulated under TSCA regulations.

Ozone Depleting Substances (ODSs). Chlorofluorocarbons known as ODSs may be contained in air conditioners (residential, office, automobiles, etc.), water coolers, dehumidifiers, and refrigerators. It is the policy of the Corps to minimize the procurement of materials and substances that contribute to the depletion of stratospheric ozone; and give preference to the procurement of alternative chemicals and products that reduce the overall risks to human health and the environment by lessening depletion of ozone in the upper atmosphere. The Ozone Depleting Substance Management Plan for the project is included as Appendix F.

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RESPONSIBILITIES

7-1 The District Environmental Coordinator

The Environmental Coordinator is responsible for the following items.

- o Provide technical assistance and guidance to the project manager in developing environmentally safe procedures for solid waste management.
- o Provide oversight of required permits and renewals and EPA hazardous waste generator application numbers.
- o Review and approve Solid Waste Management Plan, revisions, and amendments.

7-2 The Project Manager ⁴

The Project Manager is responsible for the following items.

- o Program sufficient funds to insure compliance with solid waste management requirements.
- o Maintain a complete and current inventory of stored hazardous materials and hazardous waste at the project.
- o Assure that only those properly trained and designated by the District Commander will handle hazardous waste at the project and sign hazardous waste manifests.
- o Monitor facility compliance with hazardous waste manifest procedures and make recommendations for corrective actions or procedural changes when

⁴ Environmental Compliance Coordinators are designated for each river basin. One of their functions is to support field management of solid (including hazardous) waste.

necessary or advisable.

- o Maintain copies of all relevant regulations, directives, and guidance on hazardous materials and waste and petroleum, oil and lubricants at the project and keep these materials in an organized highly visible manner.
- o Arrange for any testing of materials suspected of being hazardous waste.
- o Inspect storage areas for malfunctions and deterioration, operator errors, and discharges which may be causing, or may lead to the release of waste constituents into the environment or are a threat to human health. Inspections must be conducted to identify potential problems in time to correct them before a problem occurs.
- o Assure reuse of recycled materials when possible and feasible. Appropriate disposal and recycling specifications should be included in purchase requests or contracts.
- o Maintain material safety data sheets in the project office. Assure that project staff reviews information annually.
- o Implement this Solid Waste Management Plan and revise as necessary.
- o Ensure there is a recycling program at the project.
- o Prepare, update and implement Ozone depleting Substances Plan.

TRAINING

8-1 Hazardous Waste Training

Training is an important component of regulatory compliance. Training should be carried out to ensure that all personnel working in facilities with hazardous waste are knowledgeable of hazardous waste management requirements, emergency procedures, and spill reporting requirements.

DOT regulation 49 CFR 172.700 (Subpart H-training) requires the training of employees who load, unload or handle hazardous materials for transportation, assure the safety of the shipment, or operate a motor vehicle used to transport hazardous materials.

Only employees formally trained, designated, and authorized by the District Commander are allowed to execute hazardous waste manifests and related documents. Records of the designation should be kept on file. DOT manifest training must be current. Expiration of training will void formal designation authority. The formal designation and authorization must be in writing and must state the member is within their scope of employment when executing such documents. Each project unit should have at least one person formally designated, authorized and trained for this function.

All hazardous waste management training should be coordinated with the District Environmental Coordinator and Safety Officer.

8-2 Other Training

There are no specific training requirements for non-hazardous solid waste management. However, the Project Manager is encouraged to provide educational information on recycling and pollution prevention to personnel for their information. ER 200-2-3 states that "USACE personnel will practice pollution prevention". (Chapter 4, section 4-4, paragraph d.)

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GLOSSARY TERMS AND ACRONYMS

CFR - Code of Federal Regulations

Certification - A statement of professional opinion based upon knowledge and belief.

CFCs - Chlorofluorocarbons

Construction and Demolition Waste (C&D) - Construction and demolition waste (C&D) is debris generated from construction, renovation, repair, and demolition of roads, bridges, and buildings. It includes wood, steel, concrete, masonry, plaster, metal, and asphalt. These wastes have a number of beneficial uses, e.g. crushing asphalt and concrete/brick separately or in conjunction with virgin materials to produce recycled asphalt paving; process gravel, road base, and solid fill. Chipping and grinding wood treated with preservatives produces boiler fuel, a bulking agent for sludge composting; wood fiber, and erosion control for landfills. Untreated wood can be chipped for landscape mulch.

Container - A portable device in which a material or waste is stored, transported, treated, disposed of, or otherwise handled.

CWA - Clean Water Act

Disposal - The discharge, deposit, injection, dumping, spilling, leaking or placing of any solid waste or hazardous waste into or on any land or water so that such waste (or any constituent thereof) may enter the environment or be emitted into the air or discharged into any waters, including ground waters.

DoD - Department of Defense

DOT - The United States Department of Transportation

ECC - Environmental Compliance Coordinator

EPA - The United States Environmental Protection Agency

Generator - A person who produces or creates hazardous waste identified or listed under RCRA (relating to criteria, identification, and listing of hazardous waste).

HSWA - Hazardous and Solid Waste Amendments of 1984 (to RCRA)

Hazardous Material - (1) A substance or material which has been determined by the Secretary of the U.S. Department of Transportation to be capable of posing an unreasonable risk to health, safety, and property when transported in commerce, and which has been designated. (2) Is listed in 49 CFR, Part 172.101, Hazardous Materials Table.

High Grade Paper - Includes letterhead, dry copy papers, miscellaneous business forms, stationery, typing paper, tablet sheets, and computer paper.

Management - The entire process, or any part, of storage, collection, transportation, treatment, and disposal of hazardous wastes by persons engaging in such process.

Manifest - The shipping document EPA Form 8700-22, and if necessary, EPA Form 8700-22A, originated, signed, and distributed in accordance with the instructions supplied with the manifest form and applicable state requirements.

Manifest System - The manifest, instructions supplied with the manifest, and distribution system for copies of the manifest which together identify the origin, routing, and destination of hazardous waste from the point of generation to the point of treatment, storage or disposal.

NGVD - National Geodetic Vertical Datum-MSL of 1929.

QDSs - Ozone depleting substances

POL - Petroleum, oil and lubricants

RCRA - Resource Conservation and Recovery Act of 1976. (P.L.94-580, as amended)

Resource Recovery - The process of obtaining materials or energy from solid waste.

Source Separation - The separation of recyclable materials at their point of generation by the generator.

Storage - The holding of hazardous waste for a temporary period, at the end of which the hazardous waste is treated, disposed of, or stored elsewhere.

TCLP - Toxicity Characteristics Leaching Procedure

TSCA - Toxic Substance Control Act of 1976, Public Law 94-469, as amended.

REFERENCES

ENSR Consulting and Engineering, Acton, Massachusetts. October 1990. "A guide to Permitting, Compliance, Closure, and Corrective Action Under the Resource and Conservation Recovery Act."

U.S. Army Corps of Engineers, Baltimore District. July 1993. POL Waste Liquid and Hazardous Waste Management Plan for Baltimore District, Project Operations Branch.

Award Environmental, Inc. July 1996. Course Manual for Hazardous Waste Generators. Massachusetts.

APPENDIX A
LOCAL ORDINANCES

List of Local Contacts - Solid Waste Management

Communities Contacted in Massachusetts	Contact	Telephone Number	Local Ordinance/other information obtained {for additional information on local recycling centers call E-call at (800) 800-6881}
Thames River Basin Office Projects			
Charlton	Board of Health	(508)248-2053	Individuals and business need to contract with private hauler for waste pick-up. Hauler must be licensed by the town.
Oxford	Board of Health	(508)987-6045	Individuals/ businesses need to contract with private hauler for waste pick-up. Refuse goes to Wheelabrator in Worcester.
Uxbridge	Board of Health	(508)278-8604	Individuals/ businesses need to contract with private hauler for waste pick-up. Hauler must be licensed by town. Town offers recycling days for certain items twice a year.
Northbridge	Board of Health	(508)234-3272	Individuals/ businesses need to contract with private hauler for waste pick-up. Hauler must be licensed by town. No town recycle center.
Monson	Town Administrator	(413)267-4100	Business need to contract with private hauler. (Residential pick-up provided by town contracted hauler.) Monson does not have a local licensing program for haulers.
Sturbridge	Board of Health	(508)347-2504	Businesses need to contract with private hauler. Local residents can bring their waste and recyclables to the town transfer station (need permit). The town does have an operating landfill.

Communities Contacted in Massachusetts	Contact	Telephone Number	Local Ordinance/other information obtained {for additional information on local recycling centers call E-call at (800) 800-6881}
Southbridge	Inspection Office	(508)764-5408	Business need to hire hauler. (Residential pick-up provided by town contracted hauler.) Hauler must be licensed by town. Operating landfill in town. Mandatory recycling program for residential.
Lower Connecticut River Basin Office Projects			
Royalston	Recycling Center and Board of Health	(978)249-3617	Individuals/ businesses need to contract with private hauler for waste pick-up or bring to town transfer station. Landfill will close end of 1998. Town will maintain transfer station and recycle center. (The Corps Birch Hill Dam and Tully Lake can use the town recycle center. Open Fridays 1 pm to 4 pm.)
Athol	Board of Health	(978)249-7934	Individuals/ businesses need to contract with private hauler for waste pick-up. Hauler must be licensed by town.
Orange	Town Administrator	(978)544-1106	Transfer station in town requires that refuse and recyclables be separated.
Winchendon	Board of Health	(978)297-2766	Landfill just closed. Individuals/ businesses need to contract with private hauler for waste pick-up. Hauler must be licensed by town. The town of Winchendon Bylaws includes an article on separation of recycle materials, stating that, "No person or entity who collects, transports, disposes of or otherwise manages solid waste shall co-mingle recyclable materials with solid waste".
Templeton	Board of Health	(978)939-2377	Businesses hire their own hauler. Haulers must be licensed by town. No local transfer station.

APPENDIX B

US EPA IDENTIFICATION NUMBERS FOR THE FLOOD CONTROL PROJECTS

Issued
Feb 1991
FEB 1991

DISTRICT

NEW ENGLAND DISTRICT

State Agency
MBV 9600

INS #	INSTALLATION NAME	CO
00047	ANSONIA-DERRY LDC PROT	CT
00048	CH BET NORSO BROS DLS	VT
00049	CHATHAM STAGE HARBOR	MA
00050	DERRY DAM PROTECTION	CT
00051	DICKEY/LINCOLN SCH LAKE	ME
00053	PAWTUCKET COVE	RI
00054	PLYMOUTH-LONG BEACH DIK	MA
09607	MANSFIELD HOLLOW LAKE	CT
09813	BIRCH HILL DAM	MA
09814	CAPE COD CANAL	MA
09815	KNIGHTVILLE DAM	MA
09817	TULLY LAKE	MA
09897	BLACKWATER RESERVOIR	NH
09898	EDWARD MADDOCKELL LAKE	NH
09899	FRANKLIN FALLS RESERV	NH
09900	SURRY MOUNTAIN LAKE	NH
10143	UNION VILLAGE RESERVOIR	VT
11421	KENNERBUNK RIV JETTY	ME
12528	BALL MOUNTAIN RESERVOIR	VT
12533	HOPKINTON-EVERETT LAKES	NH
12535	NORTH SPRINGFIELD LAKE	VT
12541	THOMASTON DAM	CT
12542	TOWNSHEND LAKE	VT
12545	HODGES VILLAGE DAM	MA
12566	EAST BRIMFIELD LAKE	MA
12567	SOUTHUMVILLE RESERVOIR	MA
12568	BARRE FALLS RESERVOIR	MA
12572	UTTER BROOK RESERVOIR	NH
12580	NORTH HARTLAND LAKE	VT
13528	WEST HILL DAM	MA
13653	WESTVILLE LAKE	MA
14726	LITTLEVILLE LAKE	MA
14746	RELAY STATION BUILDING	MA
15492	HANCOCK BROOK LAKE	CT
15503	NORTHFIELD BROOK LAKE	CT
15512	WEST THOMPSON LAKE	CT
16060	CHICOPEE FALLS LOCAL PR	MA
16061	CUNANT BROOK DAM	MA
16074	RELAY STATION BUILDING	CT
16080	VT JUDITH BREAKWATER SI	RI
19336	COLEBROOK RIVER LAKE	CT
19337	HOP BROOK LAKE	CT
19338	RELAY STATION BUILDING	VT
19808	BLACK ROCK LAKE	CT
19817	COLEBROOK RIVER LAKE	MA
32394	CHARLES RIVER NVS	MA

APPENDIX C

SUMMARY OF MASSACHUSETTS HAZARDOUS WASTE REQUIREMENTS FOR SMALL GENERATORS (including very small quantity generators)

**A SUMMARY OF REQUIREMENTS
FOR
SMALL QUANTITY GENERATORS
OF HAZARDOUS WASTE**

Updated April 1998

**Prepared by:
Massachusetts Department of Environmental Protection
Bureau of Waste Prevention
Business Compliance Division
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Boston, MA 02108
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INTRODUCTION

Many essential services, including auto repair and dry-cleaners and institutions, such as schools and hospitals, produce hazardous waste. If you use cleaning solvents, oil, inks, paints, acids, or alkalines, for example, you may be a generator of hazardous waste.

As a generator, it is your responsibility to know your legal obligations under the Massachusetts Hazardous Waste Regulations. Inappropriate handling and disposal of hazardous waste has damaged water supplies and threatened human health. Increasingly, businesses find that meeting the legal requirements is good practice that protects the environment, the equity in their property and their neighbors and employees.

Under the "Superfund" law, you are liable for your hazardous waste and any damage it causes even after it leaves your site and is taken away by a transporter to a treatment, storage or disposal facility. You can be required to contribute to the costs of cleaning up any contamination, resulting from your wastes wherever they end up. It is important, therefore, that you determine how to prevent pollution before it begins.

The cost of waste disposal and liability coverage is escalating. Landfilling of many hazardous wastes is now banned. There are few commercial hazardous waste disposal facilities and their capacity is limited.

Reducing the amount of your hazardous waste may be the most economical and environmentally sound approach to meeting your requirements. Substituting non-hazardous for hazardous products, modifying your process, segregating non-hazardous from hazardous waste streams, recycling your waste and better housekeeping should be key considerations for you.

The Massachusetts Department of Environmental Protection (DEP) regulates all non-households (businesses and institutions) which generate any amount of hazardous waste. Radioactive wastes, unless mixed with hazardous waste, and infectious wastes are regulated by the Massachusetts Department of Public Health as well as by federal agencies.

This brochure is a summary of a portion of the Massachusetts Hazardous Waste Regulations and is organized as follows:

- Classification
- Paperwork
- Housekeeping
- Very Small Quantity Generators

It is designed to help you understand the regulations and will assist you in meeting your legal obligation and avoiding potential penalties. However, it is not a substitute for reading and complying with the full Hazardous Waste Regulations 310 CMR 30.000.

Because Massachusetts requirements are more stringent than the federal requirements, you will be in compliance with federal hazardous waste regulations when you meet the state standards.

The complete regulations are available at cost at the State House Bookstores. You can have them sent to you by calling Boston's bookstore (617) 727-2834, or (413) 784-1376 in Springfield. Ask for the most recent compilation of 310 CMR 30.000.

For a specific fact sheet for your industry, which will provide more detailed information, call the Hazardous Waste Regulatory Program's Compliance Assistance Line at (617) 292-5898.

Two other products from the Department of Environmental Protection which may help you understand the regulations are:

"Little Things Mean a Lot": a 14-minute video with a short friendly message outlining the basic steps in appropriate hazardous waste management

Available to purchase or borrow from DEP without charge by calling the DEP InfoLine (617) 338-2255 or 1-800-462-0444.

Small Quantity Generator Workbook: A Self-Help Guide for Small Quantity Generators of Hazardous Waste

Available for purchase (\$6.55 including mailing) at the State House Bookstores.

CLASSIFICATION

Determine whether your waste is hazardous (310 CMR 30.100)

Common hazardous wastes are:

- waste oil
- solvents and thinners
- acids and bases/alkalines
- toxic or flammable paint wastes
- nitrates, perchlorates and peroxides
- abandoned or used pesticides
- some wastewater treatment sludges

There are two ways a waste may be identified as hazardous: it may be **listed** in the regulations (310 CMR 30.131-136) or it may be defined by its **hazardous characteristic** (310 CMR 30.120).

Hazardous waste may be a listed discarded chemical, an off-specification product, or a liquid or solid residue from an operation process, which has one or more of the characteristics below:

- * **Ignitable** (easily catches fire, flash point 140 F);
- * **Corrosive** (easily corrodes materials or human tissue, very acidic or alkaline, pH of # 2 or \$ 12.5);
- * **Reactive** (explosive, produces toxic gases when mixed with water or acid);
- * **Toxic** (can leach toxic chemicals as determined by a special laboratory test);

Your waste is considered **acutely hazardous** if it is on the list of acutely hazardous wastes (310 CMR 30.136). These wastes are extremely toxic or reactive and are regulated more strictly than other hazardous wastes.

To find out if your waste is hazardous check with:

- * the supplier of the product (request a material safety data sheet);
- * laboratories;
- * trade associations;
- * consulting engineers;

and verify by reviewing the Massachusetts Hazardous Waste Regulations.

Determine your generator status and regulatory requirements

Two activities determine your generator category: the rate at which you generate and how much you store (accumulate). The amount and length of time you can accumulate your wastes will vary according to the type of waste.

A Large Quantity Generator (LQG) generates more than 1,000 kilograms (2200 lbs.) of hazardous waste in a month, or more than 1 kilogram of acutely hazardous waste (acutely hazardous waste is listed in the Massachusetts regulations, 310 CMR 30.136). The waste must be shipped within 90 days. There is no limit to the amount which can be accumulated.

A Small Quantity Generator (SQG) generates less than 1,000 kilograms in a month, and/or less than 1 kilogram of acutely hazardous waste. The waste must be shipped within 180 days and is limited to 6000 kilograms in underground tanks and 2000 kilograms in above ground containers.

A Very Small Quantity Generator (VSQG) generates less than 100 kilograms in a month and generates no acutely hazardous waste.

To understand how you are regulated, estimate your maximum monthly volume of waste oil and your maximum monthly volume of all other hazardous waste. The Guide to Determining Status and Regulatory Requirements on page 5 will assist you.

Example:

Your firm generates 55 gallons of spent solvent and 500 gallons of waste oil in a month. According to the Guide (see conversions), you are a Small Quantity Generator (SQG) of hazardous waste because you produce more than 100 kilograms but less than 1000 kilograms, and a Large Quantity Generator (LQG) of waste oil because you produce more than 1000 kilograms. Your regulatory status will be found on the fifth line [SQG/LQG].

Reading across, you may accumulate your solvent for as long as 180 days, or until you have reached a volume of 2000 kilograms (500 gallons) in containers (see page 10), whichever happens first. You must ship your waste oil every 90 days, regardless of the volume. You must obtain an EPA Identification Number and use a manifest for both wastes. You must manage your waste according to the accumulation area standards on page 8 and you must fulfill the emergency preparation and response requirements on page 11. You are not required to file an annual report or a contingency plan or provide full personnel training, which is necessary for large generators of hazardous waste.

GUIDE TO DETERMINING STATUS AND REGULATORY REQUIREMENTS

This matrix does not reflect ACUTELY Hazardous waste

	Regulatory Status		Hazardous Waste Management Accumulation Limits			Waste Oil Management Accumulation Limits			Transport Requirements		Management Requirements		
	Hazardous Waste	Waste Oil	Time (Days)	Volume in Tanks (kg)	Volume in Containers (kg)	Time (Days)	Volume in Tanks (kg)	Volume in Containers (kg)	Must Use Manifest	May Self Transport Haz Waste and/or Waste Oil	Accumulation Area Standards	Emergency Preparation	Personal Training & Contingency Plans & Biennial Rpt
NOTIFICATION TO EPA	LQG	LQG	90	NO LIMIT	NO LIMIT	90	NO LIMIT	NO LIMIT	YES		YES		YES
	LQG	SQG	90	NO LIMIT	NO LIMIT	180	6000**	2000	YES		YES		YES
	LQG	VSQG	90	NO LIMIT	NO LIMIT	NO LIMIT	600	600	YES*	YES(WO)	YES		YES
	LQG	NONE	90	NO LIMIT	NO LIMIT	N/A	N/A	N/A	YES		YES		YES
	SQG	LQG	180	6000**	2000	90	NO LIMIT	NO LIMIT	YES		YES	YES	
	SQG	SQG	180	6000**	2000	180	6000**	2000	YES		YES	YES	
	SQG	VSQG	180	6000**	2000	NO LIMIT	600	600	YES*	YES(WO)	YES	YES	
	SQG	NONE	180	6000**	2000	N/A	N/A	N/A	YES		YES	YES	
	VSQG	LQG	NO LIMIT	600	600	90	NO LIMIT	NO LIMIT	YES*	YES(HW)	YES	YES	
	NONE	LQG	N/A	N/A	N/A	90	NO LIMIT	NO LIMIT	YES		YES	YES	
TO DEP	VSQG	SQG	NO LIMIT	600	600	180	6000**	2000	YES*	YES(HW)	YES	YES	
	VSQG	VSQG	NO LIMIT	600	600	NO LIMIT	600	600	YES*	YES			
	VSQG	NONE	NO LIMIT	600	600	N/A	N/A	N/A	YES*	YES			
	NONE	SQG	N/A	N/A	N/A	180	6000**	2000	YES		YES	YES	
	NONE	VSQG	N/A	N/A	N/A	NO LIMIT	600	600	YES*	YES			

* - A manifest must be used for the VSQG category unless self transported.

** - When accumulating in both tanks and containers, the total accumulation cannot exceed 6,000 kilograms and the container accumulation cannot exceed 2,000 kilograms.

Definitions: Regulatory Status

LQG

SQG

VSQG

Kilograms/Month (Generation)

1000 OR MORE

100 - 999

LESS THAN 100

Conversions:

Kilograms

100

600

1000

2000

6000

Pounds

220

1320

2200

4400

13,230

Gallons (varies by substance)

25 - 27

150 - 165

250 - 265

500 - 550

1500 - 1650

PAPERWORK

The Manifest (310 CMR 30.310)

As a generator you always retain responsibility for your hazardous waste. If your waste is dumped or disposed of improperly, you can be held responsible. It is therefore important that you know where your waste is going and that it is handled properly and safely.

Federal law (the Resource Conservation and Recovery Act of 1976, known as RCRA) requires a national 'cradle to grave' tracking system for hazardous waste. In Massachusetts, every shipment of hazardous waste by a large or small generator must be transported by a licensed hauler and sent to a licensed treatment, storage or disposal facility (TSDF) or a permitted recycling facility and must be accompanied by a shipping document, called the Uniform Hazardous Waste Manifest.

You must use the Massachusetts Manifest form unless you are sending your waste to a facility out of state, in which case you should contact the other state to find out which form to use. You are responsible for completing the generator portion of the manifest. Directions for the distribution of the copies are on the back of the manifest. A copy will be returned to you when the facility has accepted your shipment.

If you do not receive a copy of the manifest from the receiving facility within 35 days of the date when your waste was shipped, you should contact your transporter or the operator of the facility to determine the status of your waste. If you have still not received the manifest within 45 days, you must file an Exception Report, explaining the efforts you've taken, with the DEP's Division of Hazardous Waste and with the state where the designated facility is located.

Note the generator's certification statement on your manifest, which you must sign:

"If I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford."

All generators must keep copies of all manifests and any records of tests and analyses done of their hazardous waste for at least 3 years, and for the duration of any enforcement action.

Special Conditions for Use of Two-Part or Four-Part Manifest (310 CMR 30.311[7], 30.315 and 30.316)

A two-part manifest shall be used for wastes which are transported to a recycling facility, and returned to the generator as regenerated material by the same company. Copy 1 is retained by the recycling facility, copy 2 by the generator.

A four-part manifest may be used for shipments within Massachusetts of waste oil from any size generator and for waste oil or hazardous waste from VSQG's.

The EPA Identification Number (EPA ID) (310 CMR 30.303)

As a Small Quantity Generator of Hazardous Waste, to have your waste accepted by a licensed hauler or treatment/storage facility, you will need to obtain a federal Identification Number. The Environmental Protection Agency (EPA) will assign a 12-digit number, such as MAR999999999, which is unique for your location. Enter this number in Block 1 on each manifest.

In order to get an EPA ID, call DEP (617-338-2255 or 1-800-462-0444, outside the 617 area code) for an application. Mail the completed application to the office listed in the instructions. Your number will be mailed to you within a few months. While you are waiting for your ID, you can use a temporary ID beginning with the letters MP, followed by your 10-digit telephone number.

The ID number is site-specific. You are required to notify DEP's Business Compliance Division of any change in your address, name of company, contact person or generator status.

Shipping Your Hazardous Waste (310 CMR 30.304, 30.305)

All hazardous waste must be transported in containers that are labeled with the words HAZARDOUS WASTE, the name of the waste, type of hazard (e.g., toxic, flammable), generator's name, address and EPA ID number. Refer to the container standards described on page 8 of this summary.

A list of licensed transporters and Massachusetts treatment, storage or disposal facilities is available from DEP by calling (617) 292-5822. Many transporters are authorized to assist you in preparing your waste for shipment.

Annual Compliance Assurance Fee (310 CMR 4.03)

All Small Quantity Generators of hazardous waste* are billed an annual compliance fee of \$300 to cover costs of the services provided by the Department. These services include, but are not limited to, notification processing, compliance inspection, compliance assistance hot line, and information services.

* Small Quantity Generators of waste oil only are not subject to the fee.

HOUSEKEEPING

Accumulation Area Standards (310 CMR 30.351[8])

Your accumulation or storage area must meet the following conditions for both containers and tanks. (NOTE: VSQG's are also required to meet certain of these standards.)

VSQG * Above-ground tanks and containers must be on a surface which does not have any cracks or gaps and is impervious to the hazardous wastes being stored and on pallets if containers are stacked;

VSQG * Area must be secured against unauthorized entry;

VSQG * Area must be clearly marked (e.g., by a visible line or tape, or by a fence) and be separate from any points of generation;

VSQG * Area must be posted with a sign: "HAZARDOUS WASTE" in capital letters at least one inch high;

VSQG * An outdoor area must have secondary containment, such as a berm or dike, which will hold any spill or leaks at:

- 10% of the total volume of the containers, or
 - 110% of the volume of the largest container, whichever is larger.
- Any spillage must be promptly removed.

(In general, if the hazardous waste being stored has no free liquids, no pad or berm is required, provided that the accumulation area is sloped, or the containers are elevated.)

Standards for Containers and Tanks (310 CMR 30.680, 30.690)

VSQG * Each container and tank must be clearly and visibly labeled throughout the period of accumulation with the following:

- the words "HAZARDOUS WASTE:"
- the name of the waste (e.g., waste oil, acetone)
- the type of hazard(s) (e.g., ignitable, toxic)

SQG ONLY - date on which accumulation began.

VSQG * Each container must be in good condition

VSQG * Wastes of different types must be segregated. This includes not mixing waste oil or used fuel oil with other wastes. Be careful not to put incompatible wastes in the same container or put wastes in unwashed containers that previously held incompatible wastes.

VSQG * Separate containers of incompatible wastes by a berm, dike, or similar structure.

VSQG * Each container holding hazardous wastes must be tightly closed throughout the period of accumulation, except when the waste is being added or removed.

* Containers holding ignitable or reactive wastes must be at least 15 meters (50 ft.) from the property line. If

this is not possible or practical, you must store such containers in compliance with all applicable local ordinances and by-laws.

* Inspect your accumulation area at least once a week for any leaking or deterioration of your containers. You must have enough aisle space between your containers to allow for inspections.

Accumulation Time Limits (310 CMR 30.351[5])

As a small quantity generator (SQG), you may accumulate up to 2000 kgs or 4400 lbs in containers, or up to 6000 kgs (approximately 1650 gallons) in tanks for as long as 180 days. You have two upper limits - time and volume. Whichever is reached first determines the date on which you must ship your waste. If both tanks and containers are used to store hazardous waste and/or waste oil, the total waste which can be accumulated at any one time may not be determined by adding the two limits.

Satellite Accumulation (310 CMR 30.351[4])

Additional flexibility is offered by allowing you to accumulate up to 55 gallons of hazardous waste, or one quart of acutely hazardous waste, at each point where you generate your waste, if you meet the following conditions:

- ! The waste must be generated from a process at the location of the satellite accumulation;
- ! Each satellite accumulation area can have only one container for each waste stream in use at a time;
- ! Each satellite accumulation area must be managed by the person who is directly responsible for the process producing the waste;
- ! The waste must be moved to the main designated accumulation area within three days after the container is full.

Accumulation of Waste Oil in Underground Tanks (including those resting directly on the ground) [310 CMR 30.253(1)(h)]

All underground tanks must have tight caps, leak detection devices and cathodic protection with an overflow and spill prevention device by December 22, 1998.

- ! Tanks must have continuous leak detection capability through an in-tank monitoring device or be double-walled.
- ! Keep a log of all test results, beginning and ending measurements, variation and average figures, for at least 3 years.
- ! Report a difference of a month's average greater than 5 gallons (for tanks containing 550 gallons or less) to your DEP regional office.

EMERGENCY PREPARATION AND RESPONSE (310 CMR 30.351(9))

Equipment

To minimize the risk of fire, explosion, or release of hazardous wastes that may contaminate the environment, you are required to have on site, and immediately accessible to your hazardous waste handling area, the following (unless the hazards posed by your wastes do not require one of them):

- * an alarm or communication system which can provide emergency instruction to employees;
- * a telephone, two-way radio or other device which can summon police, fire or emergency response teams;
- * portable fire extinguishers and/or fire control equipment (e.g. foam, inert gas), and spill control/decontamination equipment;
- * adequate supply and pressure of water, automatic sprinklers or water sprays, or foam-producing equipment.

All your equipment must be periodically tested and properly maintained so it will work during an emergency.

Prepare Your Employees

You must thoroughly familiarize each of your employees with all the waste handling and emergency procedures that may be needed for each of their jobs. An employee must have immediate access to alarm or communication devices, either directly or through another employee, whenever hazardous waste is being handled. If your operation is at any time being handled by a single employee, that person must have immediate access to a telephone or two-way radio.

For easy movement of employees and emergency equipment, you must maintain adequate aisle space in the area of hazardous waste handling. Mark all exits clearly.

Notify Local Authorities

You must make every reasonable attempt to carry out the following arrangements, in regards to the waste you produce:

- * Familiarize your police department, fire department, local boards of health, and any emergency response teams with the hazardous nature of your waste; the layout of your site, including entrances and evacuation routes, and the location where your employees usually work;
- * Familiarize local hospitals with the hazards of your waste and the types of injuries that could result from any accidents;
- * Obtain agreements with emergency response teams and contractors, and local boards of health;
- * If more than one police and/or fire department might respond to an emergency, make an agreement with the department which will have primary emergency authority and specify others as support.

If such arrangements cannot be made, a copy of a signed and dated letter which demonstrates an effort to make these arrangements from you, the generator, to the state or local entity will be considered sufficient.

Emergency Coordinator

You must designate at least one employee to be on call (or on the premises) at all times. This person is the emergency coordinator and is responsible for coordinating all emergency response measures.

Emergency Response

You must have posted next to each telephone near your waste generation area the following:

- * name(s) and telephone number(s) of your emergency coordinator(s);
- * location(s) of the fire control equipment and any fire alarms;
- * telephone number of the fire department, or if there is a direct alarm system, instructions on how to use it;
- * evacuation routes, where applicable.

If any of the following emergencies occur:

- ! Fire - attempt to extinguish the fire and/or call the fire department;**
- ! Spill or leak - contain the flow as quickly as possible and as soon as is practical, clean up the waste and any soil or other materials which may have become contaminated with waste;**
- ! A release (spill or leak) or threat of release, fire or explosion of hazardous waste that may threaten human health or the environment**
 - Call the appropriate DEP Regional Office (see page 17) and ask for Emergency Response, or the Central Boston office at (617) 556-1133 or (888) 304-1133.
 - Call the State Police (508-820-2300) if the incident occurs after 5 p.m., or on a day (weekends or holidays) that DEP is closed, and
 - Call the National Response Center's 24-hour toll-free number (1-800-424-8802).

VERY SMALL QUANTITY GENERATOR (VSQG) (310 CMR 30.353)

Registration

If you generate less than 100 kgs a month of hazardous waste, and no acutely hazardous waste, you are eligible to register as a Very Small Quantity Generator (see page 5 for the generation and accumulation limits). To qualify as a Very Small Quantity Generator you must register your waste management plan with DEP (see page 16). If you do not register as a VSQG, you are subject to the more stringent SQG regulations.

Housekeeping Requirements (see pages 8 and 9 for VSQG identified lines)

Treatment/Disposal Options

As a registered VSQG you have the following options for handling your waste:

- ! You may recycle or treat your waste, provided the process you describe in your registration is acceptable to DEP;
- ! You may transport your waste to another generator who is in compliance with the regulations and who will count your waste as part of their generation;
- ! You may transport your waste in your own vehicle to a licensed treatment, storage or disposal facility, or permitted recycling facility, by pre-arrangement;
- ! You may use a licensed transporter and a manifest form.
Use of the manifest requires an ID number. (VSQG's and SQG's of waste oil use a number beginning with the letters MV followed by their 10-digit telephone number.)

Self-Transport Option

As a registered VSQG you may transport your own hazardous waste under the following conditions:

- ! You transport only the waste that you generated on your premises;
- ! You do not transport more than 200 kgs at one time;

VSQG (cont.)

! Your waste is in containers that are:

- no larger than 55 gallons in volume
- compatible with the waste
- tightly sealed
- labeled as "HAZARDOUS WASTE"
- labeled with the name of the waste and the type of hazard
- tightly secured to the vehicle

! You do not transport incompatible wastes in the same shipment;

! In the event of a spill or leak of hazardous waste that may threaten human health or the environment you notify DEP or the State Police and the National Response Center, as described on page 13;

! You must have a copy of your registration with DEP in the vehicle;

! You must be in compliance with federal Department of Transportation (617-494-2770) and Massachusetts Department of Public Safety (978-567-3300) requirements.

Record-keeping

If you are not using a licensed transporter but are transporting your own wastes, you do not need a manifest form. You must, however, keep a record of the type and quantity, as well as the date, of the transport and treatment or disposal of your waste. You will need proof of the receipt of the waste by the facility or generator.

You must keep receipts or manifests of waste shipped and records of waste analysis for at least 3 years, or for the duration of any enforcement action by DEP.

Accumulation Limits

You may accumulate up to 600 kgs (approximately 165 gallons or three 55 gallon drums) of hazardous waste in containers that meet the standards on pages 8-9 with no time limit.

There is no annual compliance assurance fee for Very Small Quantity Generators.

SAMPLE REGISTRATION FORM
for VSQG's and SQG's of waste oil



Massachusetts Department of Environmental Protection - Generator Registration

DEP Region: ☐ NE ☐ CE ☐ SE ☐ WE I am registering as:
☐ Very Small Quantity Generator of Hazardous Waste (less than 27 gallons/month)
☐ Very Small Quantity Generator of Waste Oil (less than 27 gallons/month) or
☐ Small Quantity Generator of Waste Oil (less than 270 gallons/month)

Name of Company

Mailing Address

State

City/Town

Zip

Address where waste is produced

Type of Business

SIC Code

MV

MV Area Code and Telephone Number

Hazardous Waste
Generated (check):

Gallons per Month
Prior to Treatment
or Recycling:

Disposal, Storage, Treatment and/or Recycling: (Name Company and
address where waste is taken or type of treatment on site of generation)

☐ Waste Oil

☐ Solvent

☐ Acid or Alkali

Other (name):

☐

☐

I CERTIFY UNDER PENALTY OF LAW that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

Date

Signed

Name of Owner or Operator

KEEP BEIGE COPY - SEND WHITE COPY TO DEP REGIONAL OFFICE

DEP REGIONAL OFFICES

Metro Boston/Northeast
205A Lowell Street
Wilmington 01887
978-661-7600
FAX: 978-661-7615

Southeast
20 Riverside Drive
Lakeville 02347
508-946-2700
FAX: 508-947-6557

Central
627 Main Street
Worcester 01608
508-946-2700
FAX: 508-947-6557

Western
436 Dwight Street
Springfield 01103
413-784-1100
FAX: 413-784-1149

DEP MAIN OFFICE

Bureau of Waste Prevention
Business Compliance Division
1 Winter Street
Boston 02108
617-292-5898
FAX: 617-292-5778

Addresses



DEP Boston
One Winter Street
Boston, MA 02106
Telephone: 617-292-5500
Fax: 617-556-1049
TDD: 617-574-6866

William X. Wall Experiment Station	Office of Watershed Management
37 Shattuck Street	627 Main Street
Lawrence, MA 01843	Worcester, MA 01605
Fax: 508-688-0352	Telephone: 508-792-7470
<i>Division of Environmental Analysis</i>	Fax: 508-839-3469
Telephone: 508-682-5237	
<i>Air Quality Surveillance</i>	
Telephone: 508-975-1138	

Millbury Training Center*
Route 20
Millbury, MA 01527
Telephone: 508-756-7281
Fax: 508-755-9253
Residuals Sludge Management
Telephone: 508-752-8648
WWT Operator Certification
Telephone: 508-756-2214



DEP Western Region
436 Dwight Street
Suite 402
Springfield, MA 01103
Telephone: 413-784-1100
Fax: 413-764-1149

Adams	Colrain
Agawam	Conway
Andover	Cummington
Amherst	Dartmouth
Ashfield	Deerfield
Becket	Easthampton
Belchertown	East Longmeadow
Bernardston	Egremont
Blandford	Farming
Brimfield	Florida
Buckland	Gil
Chambers	Goshen
Cheshire	Granby
Cheshire	Granville
Cheshire	Great Barrington
Chicopee	Greenfield
Clarksburg	Hadley

Hampton.
Hancock
Hatfield
Hawley
Heath.
Hinsdale
Holland
Hornoke
Huntington
Lanesborough
Lee
Lenox
Leverett
Lewiston
Longmeadow
Ludlow
Middlefield

Monroe
Montague
Monterey
Montgomery
Monson
Mount Washington
New Ashford
New Marlborough
New Salem
North Adams
Northampton
Northfield
Orange
Otis
Palmer
Pelham
Peru

Pittsfield
Plainfield
Richmond
Rowe
Russell
Sandisfield
Savoy
Sheffield
Shelburne
Shutesbury
Southampton
South Hadley
Southwick
Springfield
Stockbridge
Sunderland
Tolland

Tyringham
Wales
Ware
Warwick
Washington
Wendell
Westfield
Westminster
West Springfield
West Stockbridge
Whately
Wilbraham
Williamsburg
Williamstown
Windsor
Worthington



DEP Central Region
627 Main Street
Worcester, MA 01605
Telephone: 508-792-7650
Fax: 508-792-7621
TDD: 508-767-2786

Actor
 Ashburnham
 Ashby
 Athe
 Auburn
 Aver
 Barre
 Belingham
 Ber
 Blackstone
 Bolton
 Boxborough
 Boylston
 Brookfield

Charlton
 Clifton
 Douglas
 Dudley
 Dunstable
 East Brookfield
 Fitchburg
 Gardner
 Grafton
 Groton
 Haverhill
 Hingham
 Holden
 Hopkinton

Hopkinton
Hubbardston
Hudson
Holliston
Lancaster
Leicester
Leominster
Littleton
Lunenburg
Marbleborough
Maynard
Medway
Mendon
Milford

Milbury
 Minnie
 New Braintree
 Northborough
 Northridge
 North Brookfield
 Oakham
 Oxford
 Paxton
 Peppers
 Petersham
 Philipston
 Princeton
 Royalston

Rutland
Shirley
Shrewsbury
Southborough
Southbridge
Spencer
Sterling
Stow
Sturbridge
Sumner
Templeton
Townsend
Tyngsborough
Upton

Uxbridge
 Warrington
 Webster
 Westborough
 West Boylston
 West Brookfield
 Westford
 Westminster
 Winchester
 Worcester



DEP Southeast Region
20 Riverside Drive
Lakeville, MA 02347
Telephone: 508-946-2700
Fax: 508-947-6557
TDD: 508-946-2795

Abington
Acushnet
Attleboro
Ayer
Barnstable
Berkie,
Bourne
Brewster
Bridgewater
Brockton
Carver
Chatham
Chilmark

Danmouth
Dennis
Dighton
Duxbury
Eastham
East Bridgewater
Easton
Edgartown
Fairhaven
Fall River
Falmouth
Foxborough
Franklin

Freetown
Gay Head
Gosholt
Halifax
Hanover
Hanson
Harwich
Kingston
Lakeville
Mansfield
Marion
Marshfield
Mashpee

Mattaboscet
 Middleborough
 Nantucket
 New Bedford
 North Attleborough
 Norfol
 Norwic
 Oak Bluffs
 Orleans
 Pembroke
 Plainville
 Plymouth
 Plympton

Provincetown
Raynham
Rehoboth
Rochester
Rockland
Sandwich
Scituate
Seekonk
Sharon
Somerset
Stoughton
Swansea
Taunton

Tisbury
Truro
Wareham
Wellfleet
West Bridgewater
Westport
West Tisbury
Whitman
Wrentham
Yarmouth



DEP Northeast Region
10 Commerce Way
Woburn, MA 01801
Telephone: 617-932-7600
Fax: 617-932-7615
TDD: 617-932-7679

Amesbury
Andover
Arlington
Ashland
Bedford
Belmont
Beverly
Billerica
Boston
Buxford
Bramble
Brookline
Burlington
Cambridge
Canton
Carlisle

Chelmsford
Chelsea
Chesham
Concord
Danvers
Dedham
Dove
Dracut
Essex
Everett
Framingham
Georgetown
Gloucester
Groveland
Hampden
Haverhill

Hingham
Holtbrook
Hull
Ipswich
Lawrence
Lexington
Lincoln
Lowell
Lynn
Lynnfield
Malden
Manchester-By-The-Sea
Marblehead
Medford
Medford
Melrose

Mernham
 Methuen
 Middleton
 Mills
 Milton
 Nant
 Natic
 Needham
 Newbury
 Newburyport
 Newton
 Norfolk
 North Andover
 North Reading
 Norwood
 Peabody

Quincy
Randolph
Reading
Revere
Rockport
Rowley
Salem
Salisbury
Saugus
Sherborn
Somerville
Stonham.
Sudbury
Swampscott
Tewksbury
Topsheld

Wakefield
Walpole
Waltham
Watertown
Waverley
Wellesley
Wenham
West Newbury
Weston
Westwood
Weymouth
Wilmington
Winchester
Winthrop
Woburn

APPENDIX D

MASSACHUSETTS POLICIES AND INFORMATION SHEETS



Massachusetts Adopts New Rule For Disposal Of Consumer Products With Mercury

To encourage homeowners, building managers, municipal agencies and the public to segregate potentially toxic mercury-laden materials from regular trash, the Department of Environmental Protection (DEP) is announcing the adoption of the federal Universal Waste Rule, which allows and encourages certain waste products which are in wide usage to move to special handling facilities without the burden of traditional hazardous waste regulation.

Included in these "universal wastes" are batteries, thermostats, thermometers, mercury-containing fluorescent lamps, and banned or suspended pesticides. Although not toxic in their intact form, except the pesticides, which are intended to be toxic, these products can release harmful vapors when they are incinerated, broken or dismantled. The Rule specifies how these materials shall be handled by those who collect them, those who disassemble them and those who transport and recycle or dispose of them.

Manufacturers are demonstrating their commitment to reducing the amount of mercury in products, such as batteries and fluorescent lamps. Consumers are becoming more alert to mercury-free product labels. Yet we still have some of these products in our environment, in our homes and offices.

In anticipation of the Universal Waste Rule several companies inside and outside the state have developed specialized services to disassemble, recover and recycle the valuable components of the lamps and batteries. Return to retailer programs have been set up for nickel cadmium rechargeable batteries by a national association of battery manufacturers. A major manufacturer of thermostats is willing to take back the discarded product. Municipal recycling program managers are developing collection programs for universal wastes and the state procurement agency has arranged a contract with transporters and recycling facilities for use by any state or municipal agency. Integrated pest management (IPM) is being promoted as an option to the use of harsh pesticides.

For more information about the implementation of the Universal Waste Rule, contact the Compliance Assistance Line in the Bureau of Waste Prevention: 617-292-5898

Universal Waste Rule in Massachusetts

Effective October 17, 1997

Designed to promote collection and improve management of certain widely generated wastes, this rule is modeled after the federal Universal Waste Rule.

Universal Wastes covered in the Massachusetts Rule:

(must qualify as hazardous wastes first)

- Hazardous batteries, primarily NiCds and button batteries
- Mercury-containing devices, such as thermostats, manometers, switches, water meters, thermometers, and gauges
- Mercury-containing lamps
- Hazardous waste pesticides, e.g. mercury-based pesticides, arsenicals, and chlorinated pesticides; banned or suspended pesticides; pesticides subject to recall by the manufacturer or FIFRA; certain unused pesticides, and/or pesticides collected in a state-approved waste pesticide collection program

Handler Categories and General Requirements:

- Large Quantity Handler (5,000 kg or more total of universal waste onsite at any one time) must notify*, keep records for each shipment received and sent for at least 3 years.

*except LQHTs of batteries that already have an EPA ID number

- Small Quantity Handler (accumulates less than 5,000 kg onsite at any one time), no notification or recordkeeping required.

All handlers must mark and label their containers and be able to demonstrate the length of time the universal waste has been accumulated. All handlers have an accumulation limit of one year.

Collection, Storage and Handling of Universal Wastes:

Handlers may ship to, collect or receive universal wastes from other handlers and transport without a license but in compliance with federal Department of Transportation requirements.

Universal wastes must be stored in a separate area marked as a Universal Waste accumulation area.

Containers of universal wastes or individual universal waste items shall be labeled as Universal Waste - with the name of the waste, e.g. Universal Wastes - Thermostats.

Pesticides should show the original label of the product. Containers of pesticides shall be kept closed and be structurally sound.

Batteries: Handlers may discharge batteries to remove the electric charge, remove electrolyte, or regenerate used batteries.

Thermostats: Handlers may remove mercury-containing ampoules from thermostats over or in a container to assure that any broken ampoules which may result in spills or leaks are contained immediately. Removed ampoules are a hazardous waste. The area in which ampoules are removed must meet OSHA exposure standards for mercury.

Lamps: Dismantling or crushing of mercury-containing lamps must be done with a permit and in such a manner that after processing, components are separated into individual wastestreams. The separated components must be recycled or reused and the handler shall retain proof of their recycling/reuse.

Prohibitions:

Disposal of universal wastes as a solid waste, or treatment (except for "routine management" of batteries and mercury-containing devices, as described above), is prohibited. Handlers are also prohibited from accumulating universal wastes for longer than one year, unless the handler can prove that that activity is solely for the purpose of accumulation of such quantities of universal waste as necessary to facilitate proper recovery, treatment or disposal.

Transporters:

DOT guidelines must be followed for transport of wastes that meet the definition of "hazardous material" in 40 CFR 171.8. (For information, call DOT's Motor Carrier Safety Office at 617-494-2770.) Universal waste batteries can be held in transit for up to 10 days. If held for greater than 10 days, the universal waste battery transporter becomes a handler.

Interstate Transport

Before a universal waste moves across state lines, all states through which it passes should be consulted. If a universal waste is to be transported across an intermediate state that is not a URule authorized state, RCRA requirements may apply and a manifest and licensed transporter may have to be used in that state.

Destination Facilities:

A Small or Large Quantity Handler must take its universal waste to another universal waste handler or to a facility that is authorized to receive and recycle, treat, or dispose of a particular category of universal waste (called a "destination facility"). In Massachusetts, a destination facility must be a licensed hazardous waste Treatment Storage Disposal Facility or a commercial recycling facility with a Class C permit. Once received by a destination facility, universal wastes are managed as hazardous wastes.

For more information contact DEP's Business Compliance Branch:

Compliance Assistance Line (617- 292-5898)

Prepared by the Massachusetts Department of Environmental Protection (DEP) 11/97

[\[Regulatory Standards Home\]](#) [\[Business Compliance Home\]](#) [\[Waste Prevention Home\]](#) [\[Contact: James.Doucett@state.ma.us\]](#) [\[MA DEP Home\]](#)

Updated 2/17/98



Commonwealth of Massachusetts
Executive Office of Environmental Affairs

Department of Environmental Protection

William F. Weld

Governor

Daniel S. Greenbaum

Commissioner

POLICY FOR INDUSTRIAL WIPERS CONTAMINATED WITH SOLVENTS

Bureau of Waste Prevention

Policy BWP-94-015

Patricia Deese Stanton
Patricia Deese Stanton, Assistant Commissioner

2/16/99
Date

Introduction

The Massachusetts Department of Environmental Protection (DEP) provides the following waste management guidance for industrial wipers¹ contaminated with listed and characteristic solvents having the following waste codes (as defined in MGLc 21C 310 CMR 30.000): D001, F001-F005 and the commercial chemical products intended for use as solvents which are listed in 310 CMR 30.133--the "U" solvents.

It is DEP's position that non-saturated, solvent-contaminated industrial wipers do not pose a significant threat to human health or the environment when managed properly. As such, DEP will allow a conditional exemption from regulation as a hazardous waste, under 310 CMR 30.000, for non-saturated, solvent-contaminated industrial wipers that are managed according to the practices described in this policy.

This conditional exemption applies only to industrial wipers that are non-saturated. A solvent-contaminated industrial wiper that is saturated and disposed, or treated or stored prior to disposal is a hazardous waste pursuant to 310 CMR 30.000. For waste oil-contaminated industrial wipers, refer to DEP/DHW Policy #92-02, "Waste Management For Industrial Wipers and Scrptive Minerals Contaminated With Waste Oil."

¹ "Industrial wipers" refers to shop towels, rags and disposable wipes used in commercial and industrial settings such as auto repair and printing shops.

**Bureau of Waste Prevention
Policy BWP-94-015
Issued 2/16/94**

Non-saturated solvent-contaminated industrial wipers that are not a hazardous waste for any other reason (i.e. the Toxicity Characteristic (TC)) are non-hazardous wastes, and therefore have several waste management options as a solid waste. DEP recommends that generators follow the Bureau of Waste Prevention, Division of Solid Waste Management's hierarchy of solid waste management as expressed in the Master Plan which is to first reduce; second, to reuse/recycle; third, to incinerate in a waste to energy facility; and last, to landfill in a permitted solid waste facility.

To the greatest extent practicable, generators of listed/characteristic solvent wastestreams are encouraged to practice pollution prevention by utilizing non-hazardous alternatives. The Office of Technical Assistance (OTA) in the Massachusetts Executive Office of Environmental Affairs can provide information on the availability and effectiveness of a variety of non-toxic solvent alternatives that are currently available. For more information call OTA at (617) 727-3260.

Conditional Exemption for Solvent-Contaminated Wipers

DEP is allowing an exemption from regulation as a hazardous waste, under 310 CMR 30.000, for solvent-contaminated industrial wipers provided that the following conditions are met:

1. The industrial wipers must be non-saturated. DEP will employ the "one drop" approach² as the criterion for determining saturation. This determination shall be made by either wringing the wipers out by hand or some other mechanical compaction method using proper personal protective equipment and procedures for handling flammable materials. [For the purposes of this policy, neither hand "wringing" nor any "mechanical compaction method" applied to solvent-contaminated wipers constitutes treatment of a hazardous waste.] As long as one drop of solvent flows from a wiper when subjected to this test, the wiper is saturated and therefore a hazardous waste; hand wringing/mechanical compaction may be repeated until the wiper passes the one-drop criterion. Intentional air-drying of saturated wipers to achieve the one-drop criterion is not allowable.

² As described in DEP Policy #92-02, "Waste Management For Industrial Wipers and Sorptive Minerals Contaminated With Waste Oil"

**Bureau of Waste Prevention
Policy BWP-94-015
Issued 2/16/94**

Any free-flowing solvent removed from the industrial wipers must be collected and managed as a hazardous waste unless it is removed from the wiper and reused on-site for its intended purpose. Solvent reuse represents an opportunity to practice waste minimization, consistent with the Bureau of Waste Prevention's Waste Prevention Hierarchy as expressed in the BWP Mission Statement.

2. Solvent-contaminated industrial wipers that are saturated must be managed as a hazardous waste, in accordance with 310 CMR 30.000, until they pass the one-drop test. Until non-saturated solvent contaminated wipers are sent off-site for laundering or disposal, the Department advises that they need to be accumulated and managed in accordance with all applicable state, local and national fire codes and health and safety requirements.

Users of industrial wipers that choose laundering as a waste management option are advised that in order to minimize potential fiscal and environmental liability, they should select an industrial laundry service which has a valid state permit for wastewater discharge, issued pursuant to the Massachusetts Clean Waters Act, Chapter 21, Section 43. Industrial wiper users may also want to inquire about how the facility manages its sludge.

Finally, industrial wiper users are advised that solvent-contaminated industrial wipers transported off-site must be done so in accordance with all applicable USDOT requirements.

Background

Recently, a number of states have requested regulatory guidance from the Environmental Protection Agency on the applicability of the mixture rule to solvent contaminated wipers. Historically, federal regulations have not defined a de minimis level below which a waste ceases to be a hazardous waste. A variety of industrial users have also sought guidance from EPA on this issue. Specifically, the EPA has been reviewing a regulatory petition requesting an exemption from hazardous waste status for contaminated wipers under the mixture rule. While a determination is pending on this exemption, EPA has directed its regional offices and states to use a case-by-case approach in formulating policy on contaminated wipers.

Bureau of Waste Prevention
Policy BWP-94-015
Issued 2/16/94

In light of the leeway granted to states on this subject, and as a result of numerous requests from users of industrial wipers in Massachusetts, the DEP has reexamined its position concerning the regulatory status of industrial wipers contaminated with solvents.

After considering available data and policies of several other states, the DEP has concluded that employing the "one drop" criterion ensures that the amount of spent solvent in used industrial wipers is significantly minimized. Further, the DEP has determined that allowing a conditional exemption for non-saturated, solvent-contaminated wipers that are managed according to the practices described in this policy further reduces any potential risk to human health and the environment.

DEP will continue to evaluate the need for rulemaking and regulatory guidance in this area. Specifically, DEP's position in this policy may be subject to revisions as the EPA is currently reevaluating its mixture rule and is considering other ways to regulate waste mixtures.



Commonwealth of Massachusetts
Executive Office of Environmental Affairs

Department of Environmental Protection

William F. Weld
Governor

Daniel S. Greenbaum
Commissioner

92-02

WASTE MANAGEMENT GUIDANCE FOR INDUSTRIAL WIPERS AND SORPTIVE MINERALS CONTAMINATED WITH WASTE OIL

Summary

The Department of Environmental Protection provides the following guidance on the applicability of the mixture rule, M.G.L. Chapter 21C, 310 CMR 30.140 (1)(c), to sorptive minerals and industrial wipers that do not contain free-flowing waste oil¹ and are therefore non-saturated. "Sorptive minerals" refers to absorbent clays or diatomaceous earth materials used in commercial and industrial settings, such as auto repair and machine shops; "industrial wipers" refers to shop towels, rags and disposable wipers used in similar situations.

It is DEP's position that oily, non-saturated, industrial wipers and sorptive minerals do not typically pose a significant threat to human health when managed properly and that this policy provides a sufficient degree of environmental protection. DEP's policy is consistent with EPA's recent proposed rule to regulate waste oil, which included a conditional exemption to the mixture rule for industrial wipers and sorptive minerals.

Conditional Exemptions to the Mixture Rule

The Department interprets the mixture rule as inapplicable to sorptive minerals and industrial wipers that are contaminated with only small amounts of waste oil, provided that:

- 1) they do not contain free-flowing waste oil (as defined by "one drop" in this guidance document), and
- 2) they are used ONLY for spills or leaks when collection of waste oil as liquid is not feasible or practical.

¹ "Waste Oil" as defined in 310 CMR 30.131. Additionally, "waste oil" refers to both "used waste oil" and "unused waste oil", as defined in 310 CMR 30.010.

This interpretation does not allow generators to dilute hazardous waste with solid waste so the mixture can be deemed non-hazardous. Intentional dilution of waste oil that could otherwise have been collected as a liquid is a violation of M.G.L. Chapter 21C and 310 CMR 30.000. To the greatest extent possible, waste oils shall be collected in their liquid state for subsequent reuse, recycling, treatment or disposal in accordance with M.G.L. Chapter 21C and 310 CMR 30.000, and any other applicable environmental protection requirements.

Further, this interpretation covers only waste oil-contaminated sorptive minerals and industrial wipers, and does not apply to other hazardous wastes such as listed solvents. For virgin ("unused") oil-contaminated absorbent materials used at sites subject to Chapter 21E (releases to soil or ground or surface water), generators should refer to section 11.0 of DEP Policy #WSC-400-89, "Management Procedures for Excavated Soils Contaminated with Virgin Oils."

The "One Drop" Rule/Testing Procedures

DEP will use the "one drop" approach in EPA's proposed rule on waste oil (Federal Register, September 23, 1991, vol. 56, p. 48025) as the means for determining whether sorptive minerals and industrial wipers contaminated with waste oil are saturated and therefore hazardous. As long as one drop of oil can flow from a mixture when subjected to its respective test, the mixture is saturated and, therefore, hazardous. The one drop approach employs a simple and inexpensive testing procedure.

The Paint Filter Liquids Test (310 CMR 30.156) shall be the method for determining whether oil/sorptive mineral mixtures pass the one drop test. For industrial wipers, the one drop determination shall be made by "wringing" the rags out by hand or by some other mechanical compaction method. If it is apparent that the industrial wipers or sorptive minerals are non-saturated, testing may not be necessary, though generators remain responsible for proving that their waste can pass the one drop test.

Preferred Material Management Practices

Sorptive Materials that Fail the One Drop Test--The standard rules of hazardous waste management shall pertain to 1) industrial wipers that contain free-flowing waste oil 2) used, sorptive minerals containing free-flowing waste oil and 3) all free-flowing waste oil removed from sorptive minerals and industrial wipers.

4/30/92

Proper management of these materials requires compliance with applicable provisions of 310 CMR 30.000, including segregating each type of waste; keeping containers closed except to add or remove waste; and labelling each container with "Waste Oil" and "Toxic" and the date accumulation began in that container. Waste oil-saturated materials must be transported and disposed in accordance with 310 CMR 30.000.

Materials that Pass the One Drop Test--Waste oil/sorptive mineral mixtures and industrial wipers that pass the one drop test, and which are used only when it is not feasible or practical to collect the waste oil as a liquid, are not hazardous waste, and therefore have several waste management options as a solid waste. DEP recommends that generators follow the Bureau of Waste Prevention's hierarchy of solid waste management which is to first reduce; second, to reuse/recycle; third, to incinerate in a waste to energy facility; and last, to landfill.

As an example, the order of DEP's recommendations is: first, conservative use of absorbent materials; second, recycling by laundering rags or substituting reusable drip mats for sorptive minerals, or reuse of sorptive minerals at an asphalt batching facility; third, energy recovery at an incinerator; and finally, disposal at a lined landfill with leachate control.

EPA's Position and Supporting Data

DEP's interpretation is consistent with EPA's September 23, 1991 proposed rule to regulate waste oil as hazardous waste, which includes a discussion on the "Applicability of the [Federal] Mixture Rule to Specific Solid Wastes" and conditional exemptions for industrial wipers and sorptive minerals.

EPA's position is based in part on comments it received in 1986 on a proposal to amend the mixture rule to exclude sorptive minerals. Analytical data provided by the Sorptive Minerals Institute showed that waste oil/sorptive mineral mixtures did not release hazardous constituents under pressure and that significant quantities of hazardous constituents did not leach out of sorptive minerals. Further SMI testing using the TCLP showed that the constituents of concern did not leach when exposed to prolonged TCLP extraction. EPA concluded, based on this data, that these mixtures were unlikely to pose a hazard when disposed, and that an exemption from the Mixture Rule should be considered.

4/30/92

EPA's view is also based on comments it received on its 1985 proposal to regulate waste oil as a hazardous waste and to allow a conditional exemption to the mixture rule for industrial wipers. EPA stated in its proposed waste oil rule last September that a wiper not containing free-flowing waste oil would be considered non-hazardous waste since it would contain "insignificant quantities" of waste oil.

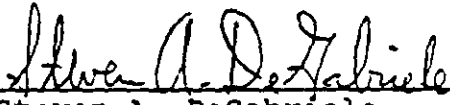
Further, the EPA is currently reviewing a regulatory petition requesting a conditional exemption from hazardous waste status, under the mixture rule, for wipers contaminated with listed solvents. While a determination is pending on this interpretation, the EPA has directed its Regions and states to use a case-by-case approach in formulating policy on this subject.

DEP will continue to evaluate the need for rulemaking and regulatory guidance in this area. Specifically, DEP's interpretation of 310 CMR 30.140 (1) (c) may be subject to revision as the EPA is currently reevaluating its mixture rule and considering other ways to regulate waste mixtures.

Questions should be addressed to James Paterson at (617) 556-1096.

Effective Date:

May 20, 1992


Steven A. DeGabriele
Acting Director
Division of Hazardous Waste

4/30/92

APPENDIX E
MASSACHUSETTS RECYCLING INFORMATION

RECYCLING SERVICES DIRECTORY

and Markets Guide for Massachusetts

May, 1998

Massachusetts Executive Office of Environmental Affairs
Department of Environmental Protection
Consumer and Transportation Programs - Recycling Branch
One Winter Street, 9th Floor



Boston, MA 02108

Compiled and Produced by WasteCap of Massachusetts, phone: (617) 236-7715

The *Recycling Services Directory* lists vendors who accept, collect or purchase recyclable materials from Massachusetts communities and businesses. This resource supplements local Yellow Pages by describing markets for recyclables across the state. The Department of Environmental Protection (DEP) welcomes additions and corrections to either the recyclable material or vendor categories. Please complete and return the attached "update form". Listings are subject to change, and do not represent endorsement by the DEP.

To receive free copies of the *Recycling Services Directory*, call the DEP InfoLine at 617-338-2255 (from within the 617 area code or outside Massachusetts) or 800-462-0444 (from 413 and 508 area codes) or return the order form on the last page.



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Glossary of Materials

ANTIFREEZE

Pages 8-10

See "Automotive Parts/Waste". Like many automotive hazardous and automotive wastes (tires, car batteries, motor oil), antifreeze is routinely and professionally handled at scrap auto yards.

ASEPTICS, BOTTLES & CANS, and PAPER CARTONS

Pages 6-8

This heading is for non-deposit recyclable containers only. Food and drink containers are grouped together because many companies collect both bottles and cans. Non-deposit containers, such as juice bottles, steel (tin) cans, and aluminum trays should be rinsed and free of stray materials. Aseptic packaging (i.e., drink boxes) and paper cartons (milk, juice, etc.) are newcomers to recycling, but they now have proven recycling markets when processed correctly. Call Tetra Pak, East Region at (914) 679-5399 for technical

assistance and information on recycling these materials.

ASPHALT

Pages 22-24

See "Wood, Construction and Demolition (C&D) Debris". Prices charged are considerably less than landfill fees. The asphalt is smashed into aggregate and reused as paving material.

BATTERIES (other than car batteries)

Page 10

See "Batteries (other than car batteries)". Batteries come in many forms. Dry/button cell batteries power watches, calculators, flashlights, cameras, toys, etc. To prevent the metal content -- mercury, lead, cadmium, or a combination of these -- from getting into the environment through incinerator emissions or as leachate from landfills, communities are encouraged to

Glossary of Materials (Continued)

establish a battery collection program. Also, contact your solid waste service company to learn what concerns they have about particular batteries going to their facility. They may be willing to assist your community with a collection program. The Rechargeable Battery Recycling Corporation (RBRC) has an information hotline for recycling rechargeable nickel cadmium (nicad) batteries, often used in cam corders, cordless telephones, two-way radios, etc. Call 1-800-8BATTERY for more information.

CAR BATTERIES

Pages 8-10

See "Automotive Parts/Wastes". Individual car batteries can be returned to their place of purchase. For large quantities, most battery hauling and recycling firms require that batteries be stacked on a pallet and be free of cracks or leaks. Some firms require that all wet cell caps be intact and that the pallet be banded, boxed or otherwise held in place. The seller may have to provide a forklift for loading the buyer's vehicle. Because they can cause serious harm to water tables, car batteries have been restricted from disposal at landfills and incinerators as per regulation CMR 19.017. For more information, please refer to DEP's *Comprehensive Guidance to Solid Waste Disposal Facilities For Implementation of Disposal Restrictions*, 1995. Call (617) 338-2255.

COMPUTERS, ELECTRONIC EQUIPMENT & NON-PAPER OFFICE SUPPLIES

Pages 11-12

See "Office, Computer and Electronic Equipment/Supplies (other than paper)". Empty cartridges can either be sold or donated for refilling, or exchanged for refilled cartridges. Entire computers can also be repaired or sold for precious metals scrap.

CONSTRUCTION & DEMOLITION DEBRIS

Pages 22-24

See "Wood, Construction and Demolition (C&D) Debris". Also known as "C&D" debris, this category includes asphalt, bricks, concrete ("ABC") and other masonry materials, soil, rock, wall coverings, drywall, plumbing fixtures, insulation, roofing shingles, glass, metal, wood waste and electrical wires. On-site sorting of debris by material allows for the best reuse of material. For yard wood waste, see "Yard and Food Waste".

CURBSIDE CONTRACTORS

Pages 6-8

See "Aseptic, Bottles & Cans, and Paper Cartons" for companies which contract their own multi-material

collection vehicles for picking up different recyclable material from residents' homes. Municipalities can expand their options by leasing their own collection vehicles, or by contracting separately for newspaper collection in ordinary packer trucks. See "Rubbish", "Garbage", or "Waste Hauling" in the Yellow Pages.

DEPOSIT CONTAINERS

Pages 27-30

See "Redemption Centers" in this Directory or in your Yellow Pages. Of all bottles and cans, deposit containers are the easiest to recycle — take them back to your grocer, cooperative food market, or redemption center. Hundreds of redemption centers are located throughout the Commonwealth. Some redeemers may accept non-deposit containers, such as aluminum, because of their high scrap value. By state law, carbonated beverages containers must bear 5¢ deposit, redeemable at any retail establishment which sells the containers (so long as it is empty, clean, and uncrushed). Redemption Centers are required to register with the DEP every six months. To register your redemption center, call (617) 556-1021. Vending machine operators often redeem containers wherever they refill vending machines. Check with the vendor where the beverage was purchased.

END-MARKETS, MRFs,* & MILLS

Pages 26

Companies which accept only densified shipments of large quantities of recyclables are in this section. (*Materials Recovery/Recycling Facilities)

FLUORESCENT LAMPS & BALLASTS

Pages 10-11

See "Fluorescent Fixtures". Fluorescent lamps, mercury vapor lamps and high intensity discharge lamps typically contain elemental mercury, sometimes in a phosphor powder that coats the lamp interior. Due to the mercury content, lamps may exhibit the toxicity characteristic of a hazardous waste. Massachusetts DEP recently amended its hazardous waste regulations to allow collection of lamps (and other "Universal Wastes") without all the usual hazardous waste requirements, provided the lamps are recycled.

Fluorescent lighting ballasts manufactured before 1978 contained capacitors with polychlorinated biphenyls (PCBs). By DEP policy, as long as PCB-containing ballasts are intact and not leaking, they do not need to be handled as hazardous waste until they are received at the processing facility. Newer ballasts may contain another chemical, DEHP, that is not regulated as hazardous waste but may also be harmful to the environment. For specific information on regulations

Glossary of Materials (Continued)

concerning lamps and ballasts, call DEP at (617) 556-1096.

GLASS

Pages 6-8

See "Aseptic, Bottles & Cans, and Paper Cartons". The glass industry requires that colored and clear glass be separated and clean of all foreign objects. Never try to recycle ceramics (dinner plates), stone, plate glass, light bulbs, gravel, dirt, plastic, or metal with glass. The glass industry identifies glass colors as follows: flint is clear, amber is brown, and emerald is green. For Massachusetts deposit glass bottles, see "Redemption Centers" in this Directory.

HAZARDOUS WASTES

Not Listed

Note: This Directory is not a comprehensive source of hazardous waste management service providers. Sources of information on hazmat management are listed below.

Hazardous wastes are either listed in the Hazardous Waste Regulations or possess at least one of four characteristics: ignitability, corrosivity, reactivity or toxicity. For information on hazardous waste regulations and policies, call the DEP Compliance Assistance line at (617)292-5898. For answers to Household Hazardous Waste (HHW) questions, call DEP's HHW Hotline at (800)343-3420 or call (617)292-5704 for the DEP's publication, "Answers to Consumers' Commonly Asked Questions About Hazardous Household Products". For assistance on ways to minimize hazardous waste, call the Office of Technical Assistance for Toxic Use Reduction at (617)727-3260.

METAL

Pages 18-21

See "Scrap Metal and White Goods" for non-auto related metals and "Automotive Parts/Wastes" for car batteries and other auto-related metals. Ferrous metal will stick to a magnet. Non-Ferrous does not. Most non-ferrous metals retain a significant scrap value. Scrap automobiles account for most of the ferrous metal recycled in Massachusetts; most scrap auto yards will take other ferrous metal as well. Collectors who specialize in non-ferrous metals usually pay cash for moderate quantities of material.

Metals:

Ferrous examples:	Non-Ferrous examples:
Steel, Cast Iron, "Tin"	Aluminum, Brass, Copper, Lead

MOTOR OIL

Pages 8-10

See "Automotive Parts/Wastes". By law, automotive stores must accept containers of used motor oil that they sell to individual customers if accompanied by a receipt. Sears Automotive, Caldor, some Mobil and Exxon stations, and Valvoline Instant Oil Change will take it without a receipt. Call the DEP Used Oil Hotline to find the nearest drop-off location to you: (617) 556-1022.

PAINT

Pages 12-13

Some recyclers accept quantities of used paint, latex and/or oil, for reprocessing into new paint. See "Paint".

PAPER

Pages 13-15

Paper recyclers usually require paper to be separated by grade, but many companies will now take all grades mixed together and do the sorting at the plant or mill.

The traditional grades are:

High Grades:	Low Grades:
Computer print-out (CPO)	Cardboard (OCC)
White ledger (office paper)	Newspaper (ONP)
Colored ledger (office paper)	Magazines (OMG)
	Mixed office paper

Waste paper is the only local feedstock available to the 30 paper mills in the state; it is also the largest U.S. export (by volume). Recycling a ton of paper saves 17 trees.

PLASTIC

Pages 16-18

Single-resin plastic containers are the easiest plastics to recycle. Used plastic containers need to be cleaned and separated by resin to be marketed. The number listed on the container (surrounded by three chasing arrows) identifies the plastic resin from which it is made. Unfortunately, the numbers do not tell the whole story — different HDPE plastics, for example, sometimes go to different uses. Many recyclers refer to items specifically (e.g. clear milk jugs) to ensure easy separation. Massachusetts has an important plastic industry, which must import non-recycled resins from Texas and Louisiana. (See chart on next page.)

The Plastic Loose-Fill Council has an "800" number which lists businesses that accept plastic (polystyrene) packaging peanuts for reuse: 1-800-828-2214. Also, Dupont has initiated a program for collecting and recycling used plastic mailing "Tyvek" envelopes. Call 1-800-44-TYVEK for information about the program.

Glossary of Materials (Continued)

Grades of Plastics:

#1 PET	Polyethylene Terephthalate Most PET is recyclable through deposit. (e.g. soda bottles)
#2 HDPE	High Density Polyethylene. Clear HDPE is easier to recycle than colored. (e.g. milk & water jugs, detergent bottles)
#3 PVC	Vinyl/Polyvinyl Chloride (e.g. vegetable oil, shampoo and window cleaner bottles)
#4 LDPE	Low Density Polyethylene (e.g. trash bags, 6-pack rings, flexible lids)
#5 PP	Polypropylene (e.g. lids, closure caps, snack food wrap)
#6 PS	Polystyrene (e.g. styrofoam, clear brittle cups)
#7 Other	All other resins and layered multi-material

TEXTILES

Page 22

Includes by-product materials from the cotton, fiber, textiles, and apparel industries or any type of manufactured garment or household article that is discarded. Approximately 4% of our landfills consist of this material.

TIRES

Pages 8-10

See "Automotive Parts/Wastes". Whole tires have been restricted from disposal at landfills. DEP provides information on scrap tire management in a document entitled *Scrap Tire Management in Massachusetts: Questions and Answers For Municipal Waste Management Officials*. This document also includes information on tire shredding and is available by calling the DEP InfoLine at (617) 338-2255.

WHITE GOODS

Pages 18-21

See "Scrap Metal and White Goods". White goods are large appliances which include water heaters, dishwashers, refrigerators, freezers, gas and electric

stoves, clothes washers and dryers. The ferrous metals in the white goods are easy to recycle. However, the electrical cords and capacitors have caused difficulties for some scrap metal dealers. Many retailers will offer to haul away old appliances when they deliver new ones – the old ones get recycled in bulk.

DEP provides information on white goods management in a document entitled *White Goods Management in Massachusetts: Questions and Answers For Municipal Waste Management Officials*. Call the DEP InfoLine at (617) 338-2255.

WOOD

Pages 22-24

Wood waste can be in the form of construction or industrial-use wood such as pallets, or yard waste such as tree cuttings. For wood waste from construction, see "Wood, Construction and Demolition (C&D) Debris", and for yard wood waste, see "Yard and Food Waste".

YARD AND FOOD WASTE

Pages 24-25

Includes prunings, bulky wood yard waste (i.e. trees, large branches, and stumps), leaves and grass clippings, and/or vegetable, fruit, and other non-meat/non-milk product food scraps. Yard materials are often ground up by landscaping and nursery businesses and conserve valuable topsoil. Food wastes are used as compost (a mixture of decomposing organic waste and soil creating a rich humus to be used as fertilizer), animal feed, or for other uses. DEP's Composting Program has more information available – call (617) 292-5834. For wood waste from construction, see "Wood, Construction and Demolition (C&D) Debris".

Recycling conserves more than landfill space. It also conserves energy, natural resources, and jobs. Massachusetts industries convert the recyclables you collect into over \$600 million in products. By recycling, you contribute to the 12 thousand jobs in the state which depend on recycling and trigger the investments which depend upon a steady supply of recycled materials.

THANK YOU FOR RECYCLING!

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Aseptics, Bottles & Cans, and Paper Cartons			
<i>(See also your Yellow Pages under "Recycling" or "Rubbish Haulers" or check "Redemption Centers" in the back of this Directory.)</i>			
A A A Recycling Sales & Services	Alum, Glass, Tin	New Bedford	(508) 998 - 3399
A B C Disposal	Alum, Glass, Plastic, Tin	New Bedford	(508) 995 - 0544
A Shapiro & Sons, Inc.	Alum, Tin	North Adams	(413) 663 - 6525
Advanced Recycling	Alum, Tin	Concord	(800) 227 - 3911
Asian Export Material Co.	Alum	Boston	(617) 332 - 7929
Atlas Metals	Alum	Somerville	(617) 666 - 8440
Automated Recycling Technology	Alum, Glass, Tin	Eatontown	(732) 544 - 8447
Automated Recycling, Inc.	Alum, Glass, Tin-Curbside Commingled	West Bridgewater	(508) 584 - 5004
Automated Waste Disposal	Alum, Glass, Plastics 1&2, Tin	Danbury	(203) 743 - 0405
B F I Transcyclery	Alum, Glass, Tin	Auburn	(508) 721 - 2700
B P Trucking Inc.	Alum, Asep, Glass, Plas, Tin-Commingled	Ashland	(508) 653 - 4891
Ball Foster Glass	Glass	Milford	(508) 478 - 2500
Ben Weitsman & Son Inc.	Alum, Tin	Owego	(607) 687 - 2780
Berger & Company	Alum	Pawtucket	(401) 723 - 7240
Berkshire Clean-Way	Alum, Glass, Plastics 1-7, Tin	Dalton	(413) 684 - 0165
Bi-Metal Corp.	Tin	Ridgefield	(203) 431 - 4140
Bolduc Auto Salvage	Alum, Tin	Montpelier	(802) 223 - 7917
Boulder Resources Ltd	Glass, Tin	New York	(212) 563 - 0222
Brockton Iron & Steel	Alum, Tin	Brockton	(508) 586 - 4640
Browning-Ferris Industries	Alum, Glass, Tin - Curbside	Boston	(617) 265 - 0500
Browning-Ferris Industries	Alum, Glass, Tin-Curbside, Commingled	Brockton	(508) 580 - 1511
Browning-Ferris Industries	Alum, Glass, Tin	Hooksett	(603) 669 - 2282
Browning-Ferris Industries	Alum, Glass, Tin	Auburn	(800) 551 - 5584
Browning-Ferris Industries	Glass	Chicopee	(800) 224 - 6234
Browning-Ferris Industries (BFI)	Alum, Glass, Tin	Southboro	(800) 987 - 8234x7023
C I D	Alum, Glass, Tin	Chaffee	(716) 496 - 5000
C T Metal Industries	Alum, Tin	Monroe	(203) 268 - 5909
Capital Paper Recycling Inc.	Alum, Tin	East Weymouth	(617) 337 - 9807
Capital Waste & Recycling, Inc.	Alum, Glass, Tin	Albany	(518) 433 - 0033
Carco Recycling Corp.	Alum, Glass	Menands	(518) 436 - 4333
Casella Waste Management	Alum, Aseptics, Plastics, Tin	Rutland	(802) 775 - 0325
Central Iron & Metal Co.	Alum, Tin	New York	(212) 947 - 2985
Coastal Recycling	Alum, Glass, Tin, Plastics 1-2--curbside	Hancock	(207) 422 - 6766
Cody & Tobin Inc.	Alum	New Bedford	(508) 999 - 6711
Commercial Disposal/United Waste	Alum, Glass, Tin - Curbside	S. Hadley	(413) 539 - 9036
Commercial Recycling Systems	Glass	Scarborough	(207) 883 - 3325
Complete Disposal	Alum, Glass, Plastics 1&2, Tin	Westfield	(413) 572 - 0015
Conigliaro Industries	Alum, Glass, Tin	Framingham	(508) 872 - 9668
Connecticut Metals Industries	Alum, Tin	Monroe	(203) 268 - 5909
Container Recycling Alliance	Clear, Green & Brown Glass Mixed	Franklin	(508) 541 - 4600
Conway Scrap Metal	Alum	Whitman	(781) 447 - 2534
D & D Welding & Salvage	Alum, Tin	Southbridge	(508) 765 - 5119
Daley & Sons Trucking	Alum, Glass, Plastics 1-3 & 5-7, Tin	Lee	(413) 243 - 3656
Dave Wickles Trucking	Alum, Glass, Plastics 1&2, Tin	Hatfield	(413) 247 - 9231
Daystar Recycling Corporation	Alum, Plastic #1, Tin	Syracuse	(315) 471 - 1142
Delmolino & Sons, Inc.	Glass	Cheshire	(413) 743 - 5397
Duseau Waste Industries Inc.	Alum, Glass, Tin, Asep - Curbside	Hatfield	(413) 586 - 4100
E L Harvey & Sons	Alum, Glass, Tin	Westborough	(800) 321 - 3002
E R R C O	Glass	Epping	(603) 679 - 2626
E W S of Maine, Inc.	Alum, Tin	Saco	(207) 284 - 4516
East Coast Recycling	Alum, Glass, Tin	East Lebanon	(207) 457 - 1179
Energy Answers Corp.	Glass	Pittsfield	(413) 443 - 7373
Fulton Scrap Processors	Alum, Tin	Fulton	(315) 593 - 7145
General Metals and Smelting	Alum	Roxbury	(617) 442 - 2050

RECYCLING SERVICES DIRECTORY

Aseptics, Bottles & Cans, and Paper Cartons

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Gershow Recycling	Alum, Tin	Medford	(516) 289 - 6188
Glassgo Recycling	Clear, Brown, Green Glass	North Oxford	(508) 987 - 5600
Greylock Ice & Fuel	Alum, Glass, Tin	Adams	(413) 743 - 1020
H Bixon & Sons	Alum	New Haven	(203) 777 - 7445
Hart Construction Company, Inc.	Glass	Williamstown	(413) 458 - 5267
Harvest Cooperative Supermarket	Aseptics, Glass, Tin, Plas.Vitamin Bottles	Allston	(617) 787 - 1416
Harvest Cooperative Supermarket	Aseptics, Glass, Alum, Plastic	Cambridge	(617) 661 - 1580
Hudson Baylor Corp.	Alum, Glass, Tin	Newburgh	(914) 561 - 0167
Industrial Metal Recycling	Alum, Tin	Bangor	(207) 947 - 3710
Industrial Metal Recycling	Alum, Tin	Oakland	(207) 983 - 4892
International Metal Corp.	Alum	Stoughton	(781) 297 - 3000
J Bass & Sons Inc.	Alum, Tin	Mount Vernon	(914) 667 - 1442
J R M Hauling & Recycling Services	Alum, Aseptic, Glass, Tin, Plastic	Gloucester	(978) 283 - 1877
Jet-A-Way / Kemble Waste	Alum, Tin	Roxbury	(617) 541 - 4000
K T I of New England	Alum,Glass,Tin,Asep-Curbside,Commingle	Charlestown	(617) 242 - 7746
Kane Scrap Iron & Metal, Inc.	Alum	Chicopee	(413) 594 - 5160
Karta Container & Recycling	Alum, Clear Brown Green Glass, Tin	Peekskill	(914) 737 - 9211
King Road Materials	Glass	Albany	(518) 382 - 5353
M Burstein & Co., Inc.	Alum, Tin--Industrial Only	Chelsea	(617) 884 - 7700
Maine Beverage Container	Alum, Glass	Portland	(207) 774 - 0735
Maine Marketing Cooperative	Alum, Glass, Tin	Bangor	(207) 942 - 6772
Mass Can (SMOC)	Alum, Glass, Tin, Plastics	Framingham	(508) 620 - 2315
Master Garbologist, Inc.	Alum, Glass, Tin - Curbside	New Marlboro	(413) 229 - 3442
Mattei-Flynn Trucking, Inc.	Mixed Glass, Steel Cans	Auburn	(508) 754 - 2220
Meyerson Bros. Inc.	Aluminum	New Rochelle	(914) 636 - 4743
Mich-Lin Transfer Station	Tin	Cambridge	(617) 354 - 7580
Mid City Scrap Iron & Salvage, Inc.	Alum, Glass, Tin	Westport	(508) 675 - 7831
Mighty-Nice-Rags Recycling	Tin	Broadalbin	(800) 836 - RAGS
Miller Recycling Corporation	Alum, Tin	North Attleboro	(800) 783 - 6766
N A Nichols Co., Inc.	Alum, Tin	Amesbury	(978) 388 - 9639
N E Appliance Recovery Systems	Alum, Tin	East Freetown	(508) 763 - 3900
North Shore Recycled Fibers	Alum, Glass, Tin	Salem	(978) 744 - 4330
Ontario Recycling Corp.	Alum, Tin	Rochester	(716) 328 - 4253
P & T Container Service/USA Waste	Glass & Plastic Bottles	Haverhill	(800) 692 - 0009
P Allen & Sons Inc.	Alum	Northampton	(413) 584 - 3040
P K Metals	Alum, Tin	Coram	(516) 732 - 6403
Pinetree Recycling Corp.	Alum	Malborough	(603) 357 - 4586
Plastics and Metals Industries	Alum	Blodgett Mills	(607) 756 - 7732
Previty's Auto Wrecking	Aluminum	Freedom	(716) 492 - 3936
Prolerized New England Co.	Alum	Everett	(617) 389 - 8300
Prospect Iron & Steel Corp.	Alum, Tin	Somerville	(617) 666 - 3405
R B Scrap Iron & Metal	Alum, Tin	Yonkers	(914) 476 - 2975
R Cohen & Son of Glen Falls, Inc.	Alum, Tin	Glen Falls	(518) 792 - 2010
R Kelly Freedman & Son, Inc.	Alum, Tin	Green Island	(518) 273 - 1141
R R A S Recycling Center	Alum, Tin	East Vassalboro	(207) 873 - 4022
R R T Recycle America	Alum, Glass, Tin	Rochester	(716) 254 - 3380
R R T Recycle America	Alum, Glass, Tin	Syracuse	(315) 455 - 7080
R R T Recycle America	Aseptics, Paper Cartons	Rochester	(716) 254 - 3380
R R T Recycle America	Aseptics, Paper Cartons	Syracuse	(315) 455 - 7080
R R T Recycle America/Waste Man.	Aseptics, Alum, Glass, Plastic--res. only	Springfield	(413) 747 - 9294
Recycling Services, Inc.	Alum, Clear Brown & Green Glass, Tin	Claremont	(603) 542 - 8755
Repak, Inc.	Mixed Clear, Brown & Green Glass	Shirley	(978) 425 - 2399
Resource Recovery Sys. of Claverack	Alum,Asep,Glass,1&2 Plas.,Tin	Claverack	(860) 767 - 7057
Resource Recovery Sys. of Howes Cave	Alum,Asep,Glass,1&2 Plas.,Tin	Howes Cave	(860) 767 - 7057
Resource Recovery Systems Inc.	Alum,Asep,Glass,1&2 Plas.,Tin	Centerbrook	(860) 767 - 7057
Resource Recovery Systems Inc.	Alum,Asep,Glass,1&2 Plas.,Tin	Kensington	(860) 767 - 7057

Aseptics, Bottles & Cans, and Paper Cartons

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Roger Trucking	Alum, Glass, Tin	Great Barrington	(413) 528 - 3590
Roy's Recycling Service	Alum, Glass, Tin	Wellesley	(781) 237 - 1147
Scott Smith Trucking	Alum, Mixed Glass, Plastics 1-3	Williamstown	(413) 458 - 4453
Shetucket Iron & Metal Co.	Alum, Tin	Norwich	(860) 887 - 1681
Springfield Materials Recovery Facility	Alum, Aseptics, Glass, Plastics, Tin	Springfield	(413) 784 - 1100x286
Stratford Baling Co.	Alum, Glass, 1&2 Plastic, Tin	Stratford	(203) 377 - 7491
Total Recycling	Alum, Tin	South Attleboro	(508) 399 - 8105
U S A Waste	Alum, Glass, Tin - Curbside	Fitchburg	(800) 649 - 1666
U S A Waste of Mass., Inc.	Alum, Glass, Plastic, Tin - Curbside	Somerville	(617) 628 - 6199
Universal Steel & Trading Corp.	Alum, Tin	Salem	(978) 744 - 0124
Vining Disposal Service, Inc.	Alum, Glass, Tin - Curbside	Revere	(781) 289 - 0500
Vining Disposal Service, Inc.	Alum, Glass, Plastic 1-7, Tin - Curbside	Revere	(617) 289 - 0500
Vining Disposal Service, Inc.	Alum, Glass, Plastics 1&2, Tin	Liverpool	(800) 428 - 8492
w T e Recycling Corp.	Aluminum Cans	Albany	(518) 459 - 1080
w T e Recycling Inc.	Alum, Tin	Greenfield	(413) 774 - 3103
Waste Man. of NY	Alum, Glass, Tin, Plas. 1-3-Commingled	Brooklyn	(718) 386 - 7900x325
Waste Management	Alum, Glass, Tin, Plastic-Commingled	Plymouth	(508) 830 - 0030
Waste Management	Alum, Glass, Plas. 1-7, Tin-Commingled	Woburn	(781) 933 - 2113
Waste Management Inc.	Alum, Glass, Plastics #1 & #2, Tin	Gonic	(603) 330 - 2150
Waste Management of Central Mass	Alum, Glass, Plastics, Tin - Curbside	West Boylston	(508) 835 - 6001
Waste Management of Mass., Inc.	Alum, Plastics, Glass, Tins-Commingled	Cranston	(800) 972 - 4545
We Cycle Inc.	Alum, Glass, Plastic, Tin	Shrewsbury	(508) 792 - 1800
West Shore Recycling	Alum, Tin	Pittston	(717) 654 - 4880

Automotive Parts/Wastes

(See also your Yellow Pages under "Junk Dealers" or "Tire Recycling".)

A & A Waste Oil	Antifreeze, Motor Oil	Waltham	(781) 899 - 3348
A Shapiro & Sons, Inc.	Autos, Car Batteries	North Adams	(413) 663 - 6525
Acme Metals & Recycling, Inc.	Car Batteries	Springfield	(413) 737 - 3112
Advanced Liquid Recycling	Motor Oil, Antifreeze, Filters	Johnston	(401) 861 - 6243
Advanced Environ. Recycling Co., L.L.C.	Car Batteries	Allentown	(800) 554 - 2372
Advanced Environ. Technology Serv.	Antifreeze, Oils, Solvents	Marlboro	(508) 804 - 4800
Advanced Recycling	Autos, Car Batteries	Concord	(800) 227 - 3911
Airport Auto Parts	Autos/Auto Parts, Tires	Leominster	(978) 534 - 3137
Albert Brothers	Car Batteries	Waterbury	(203) 753 - 4146
American Recycling & Environ. Services	Antifreeze, Oils	N. Grafton	(508) 839 - 9489
Asian Export Material Co.	Car Batteries	Boston	(617) 332 - 7929
Atlas Metals	Autos, Car Batteries	Somerville	(617) 666 - 8440
Ben Weitsman & Son Inc.	Autos	Owego	(607) 687 - 2780
Berger & Company	Car Batteries	Pawtucket	(401) 723 - 7240
Berkshire Clean-Way	Autos	Dalton	(413) 684 - 0165
Berlin Auto Parts	Auto Parts, Car Batteries	Berlin	(978) 838 - 2991
Bill Murphy's Waste Oil	Antifreeze, Motor Oil	Woburn	(781) 933 - 4928
Bob's Tire Company	Tires	Mattapoisett	(508) 997 - 8545
Bolduc Auto Salvage	Auto Parts, Car Batteries	Montpelier	(802) 223 - 7917
Brockton Auto Parts	Autos, Car Batteries	Brockton	(508) 584 - 4000
Brockton Iron & Steel	Auto Parts, Car Batteries	Brockton	(508) 586 - 4640
Browning-Ferris Industries	Tires	Hooksett	(603) 669 - 2282
C R T	Antifreeze, Oil Filters, Sorbent Pads	Bridgewater	(800) 833 - 8278
Capital Waste & Recycling, Inc.	Auto Parts, Car Batteries, Tires	Albany	(518) 433 - 0033
Casella T.I.R.E.S., Inc.	Tires, Manufactured Rubber	Eliot	(207) 439 - 5974
Casings, Inc.	Tires, Rims	Catskill	(518) 943 - 9404
Champagne Auto Exchange	Auto Parts	Auburn	(508) 832 - 6669
Clean Harbors Env. Services, Inc.	Car Batteries, Oils	Glenmont	(518) 434 - 0149
Commercial Disposal/United Waste	Car Batteries, Tires	S. Hadley	(413) 539 - 9036
Conigliaro Industries	Autos/Parts, Car Batteries, Tires	Framingham	(508) 872 - 9668
Crawford Group, Inc.	Autos/Auto Parts	Lancaster	(978) 534 - 6855

RECYCLING SERVICES DIRECTORY

Automotive Parts/Wastes

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Curboy Salvage	Car Batteries	Sturbridge	(508) 347 - 9650
Dave Wickles Trucking	Tires	Hatfield	(413) 247 - 9231
Day's Used Auto Parts	Auto Parts	Millbury	(508) 756 - 2850
Duseau Waste Industries Inc.	Car Batteries, Tires	Hatfield	(413) 586 - 4100
E D R, Inc.	Car Batteries	Derry	(603) 437 - 3370
E L Harvey & Sons	Car Batteries	Westborough	(800) 321 - 3002
E W S of Maine, Inc.	Autos/Parts	Saco	(207) 284 - 4516
East Penn Manufacturing	Car Batteries & Accessories	Woonsocket	(401) 766 - 8200
Energy Answers Corp.	Tires, Car Batteries	Pittsfield	(413) 443 - 7373
Environmental Waste Technology	Antifreeze, Solvents, Waste Oils	Newton	(617) 332 - 2877
Exeter Energy Project	Tires	Sterling	(860) 564 - 7000
Exide Corporation	Lead Acid Batteries & Residues	Reading	(800) 437 - 8495
F & B Enterprises, Inc.	Rims, Tires	New Bedford	(508) 999 - 4124
Framingham Salvage	Autos, Car Batteries	Framingham	(508) 872 - 4393
Franklin Recycling, Inc.	Motor Oil, Oil Filters	New Bedford	(508) 990 - 1006
Fulton Scrap Processors	Autos	Fulton	(315) 593 - 7145
George Apkin & Sons, Inc.	Car Batteries	North Adams	(413) 664 - 4936
Gershow Recycling	Autos	Medford	(516) 289 - 6188
Global Recycling Technologies, Inc.	Car Batteries	Stoughton	(781) 341 - 6080
H Bixon & Sons	Car Batteries	New Haven	(203) 777 - 7445
Henry's Auto Parts Inc.	Autos/Auto Parts	Blackstone	(508) 883 - 7300
Highway Auto Salvage Inc.	Autos/Auto Parts	Northampton	(413) 586 - 0690
Hodgdon Brothers	Tires, Car Batteries	Ascutney	(802) 674 - 6202
Industrial Metal Recycling	Autos, Car Batteries	Bangor	(207) 947 - 3710
Industrial Metal Recycling	Autos, Car Batteries	Oakland	(207) 983 - 4892
J Bass & Sons Inc.	Autos	Mount Vernon	(914) 667 - 1442
J P Carroll Co., Inc.	Auto Parts, Car Batteries, Waste Oil	Lexington	(781) 861 - 6060
James G. Grant Co.	Tires	Readville	(617) 361 - 2716
Jewell Resources	Tires	Lebanon	(800) 458 - 4525
Karta Container & Recycling	Autos/Parts, Car Batteries, Tires	Peekskill	(914) 737 - 9211
Kidney Foundation Car Campaign	Whole Autos	Dedham	(800) 488 - 2277
Lenox Junk	Car Batteries	Dorchester	(617) 288 - 2841
Louis Perlman & Sons Inc.	Car Batteries	Pittsfield	(413) 442 - 7127
M J S Scrap Metals	Autos/Parts	Townsend	(978) 597 - 2927
M K Industries	Autos	Bridgewater	(508) 279 - 1129
M L Norwood Auto Recycling	Autos	North Grafton	(508) 839 - 5934
Main Line Tires	Tires	New Bedford	(508) 990 - 0802
Maine Metal Recycling	Autos, Tires	Auburn	(207) 786 - 3531
Mass. Adoption Resource Exchg.	Whole Autos	Boston	(617) 542 - 3678
Master Garbologist, Inc.	Oils, Tires	New Marlboro	(413) 229 - 3442
Mattei-Flynn Trucking, Inc.	Tires	Auburn	(508) 754 - 2220
Mid City Auto Resources	Autos/Parts	Westport	(508) 675 - 7831
Mid City Scrap Iron & Salvage, Inc.	Autos, Catalytic Converters	Westport	(508) 675 - 7831
Miller Recycling Corporation	Car Batteries	North Attleboro	(800) 783 - 6766
Millis Used Auto Parts	Autos/Auto Parts, Tires	Millis	(508) 376 - 8700
Mobile Lubrication Service, Inc.	Antifreeze, Filters	Middleboro	(508) 946 - 1660
Multimetco Corp.	Catalytic Converters	Woburn	(781) 932 - 3044
Murphy's Waste Oil Service	Antifreeze, Motor Oil, Filters	Woburn	(781) 272 - 4211
N A Nichols Co., Inc.	Autos, Car Batteries	Amesbury	(978) 388 - 9639
N E Appliance Recovery Systems	Autos	East Freetown	(508) 763 - 3900
National Auto Clearing House	Autos/Auto Parts	Worcester	(508) 755 - 6978
Nissenbaum Auto	Auto Parts, Car Batteries	Somerville	(617) 776 - 0194
Oil Energy Recovery Inc.	Antifreeze, Motor Oil, Oil Filters	Stow	(978) 897 - 6040
Ontario Recycling Corp.	Autos	Rochester	(716) 328 - 4253
P K Metals	Autos	Coram	(516) 732 - 6403
Philip Lewis & Sons	Car Batteries	Dorchester	(617) 442 - 1250

Automotive Parts/Wastes

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Pinetree Recycling Corp.	Car Batteries	Malborough	(603) 357 - 4586
Previty's Auto Wrecking	Autos, Car Batteries, Tires	Freedom	(716) 492 - 3936
Prolerized New England Co.	Autos	Everett	(617) 389 - 8300
Prospect Iron & Steel Corp.	Autos	Somerville	(617) 666 - 3405
Quincy Tire Company	Tires	Quincy	(617) 472 - 9251
R & R Industries	Autos	Springfield	(413) 733 - 2118
R B Scrap Iron & Metal	Autos	Yonkers	(914) 476 - 2975
R Cohen & Son of Glen Falls, Inc.	Auto Parts	Glen Falls	(518) 792 - 2010
R E Humason Inc.	Auto Parts	Southwick	(413) 569 - 6330
R Kelly Freedman & Son, Inc.	Auto Parts	Green Island	(518) 273 - 1141
R R A S Recycling Center	Auto Parts	East Vassalboro	(207) 873 - 4022
Raw Materials Corp.	Car Batteries	Pt Colborne ONT	(905) 835 - 6774
Raw Materials Corp.	Car Batteries	Buffalo	(888) 937 - 3382
Recycle for Gold - Special Olympics	Autos, Auto Parts	Hathorne	(800) 590 - 1600
Recycled Products Company	Tires	Milton	(617) 698 - 7236
Recycling Services, Inc.	Car Batteries	Claremont	(603) 542 - 8755
Robertson's Auto Salvage	Autos/Parts, Tires, Car Batteries	Wareham	(508) 295 - 9444
Roger Trucking	Autos	Great Barrington	(413) 528 - 3590
Routhier & Sons, Inc.	Tires	Littleton	(978) 772 - 4251
Sawyer Environmental	Tires	Hampden	(207) 862 - 4200
Somers Sanitation	Autos, Tires	East Windsor	(860) 627 - 5753
T R G Oil Recycling	Motor Oil	Raynham	(508) 880 - 6002
Tolman Construction Services, Inc.	Oil Filters	Baldwinville	(800) 231 - 4873
Trotta & Son Rubbish Removal	Autos	Worcester	(508) 798 - 2271
Used Auto Parts Inc.	Autos	Berkley	(508) 823 - 8136
W F Sullivan Company Inc.	Car Batteries	Holyoke	(413) 539 - 9664
w T e Recycling Inc.	Autos, Car Batteries	Greenfield	(413) 774 - 3103
We Cycle Inc.	Autos	Shrewsbury	(508) 792 - 1800
West Shore Recycling	Autos, Car Batteries	Pittston	(717) 654 - 4880
Winthrop Steel	Autos	Fitchburg	(978) 343 - 3627

Batteries (other than car batteries)

Advanced Environ. Recycling Co., L.L.C.	Mercury Batteries	Allentown	(800) 554 - 2372
Advanced Environ. Technology Serv.	Lead Acid Batteries	Marlboro	(508) 804 - 4800
Berger & Company	Industrial Batteries	Pawtucket	(401) 723 - 7240
Conigliaro Industries	Other Batteries	Framingham	(508) 872 - 9668
Duseau Waste Industries Inc.	All Batteries	Hatfield	(413) 586 - 4100
E D R, Inc.	Other Batteries	Derry	(603) 437 - 3370
Environmental Waste Technology	Batteries	Newton	(617) 332 - 2877
Global Recycling Technologies, Inc.	All Types	Stoughton	(781) 341 - 6080
Highway Auto Salvage Inc.	Car Batteries	Northampton	(413) 586 - 0690
Mercury Refining Co., Inc.	All types	Albany	(800) 833 - 3505
R R A S Recycling Center	Car Batteries	East Vassalboro	(207) 873 - 4022
Raw Materials Corp.	Batteries, Mercury Devices	Pt Colborne ONT	(905) 835 - 6774
Raw Materials Corp.	Batteries	Buffalo	(888) 937 - 3382
Recharg. Battery Recycling Corp.	Button Cell Nickel-Cad. Rechargeble	Gainsville	(352) 376 - 6693
w T e Recycling Inc.	Car Batteries	Greenfield	(413) 774 - 3103
Wheelabrator R B R C / Pat Scanlon	Button batts&Ni-Cad(contract towns)	Hampton	(800) 682 - 0026

Fluorescent Fixtures

Contact the DEP regarding "Universal Waste" rules and recycling of fluorescents: (617) 556-1096.

Advanced Environ. Recycling Co., L.L.C.	Fluorescent and other Ballasts, Bulbs	Allentown	(800) 554 - 2372
Advanced Environ. Technical Serv.	Fluorescent Lamps	Rocky Hill	(860) 257 - 0445
Advanced Environ. Technology Serv.	Fluorescent Lamps	Marlboro	(508) 804 - 4800
American Lamp Recycling	Fluorescent Bulbs	Fish Kill	(800) 315 - 6262
American Recycling & Environ. Services	Fluorescent Bulbs & Ballasts	N. Grafton	(508) 839 - 9489

RECYCLING SERVICES DIRECTORY

Fluorescent Fixtures

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Capital Waste & Recycling, Inc.	Fluorescent Bulbs & Ballasts	Albany	(518) 433 - 0033
Clean Harbors Env. Services, Inc.	Fluorescent Bulbs & Ballasts	Glenmont	(518) 434 - 0149
Conigliaro Industries	Fluorescent Bulbs	Framingham	(508) 872 - 9668
Environmental Waste Technology	Fluorescent Ballasts	Newton	(617) 332 - 2877
Full Circle	Fluorescent Lamps, Ballasts	Bronx	(800) 775 - 1516
Global Recycling Technologies, Inc.	Fluorescent/Mercury Lamps, Ballasts	Stoughton	(781) 341 - 6080
Mercury Refining Co., Inc.	Fluorescent Lamps, Ballasts	Albany	(800) 833 - 3505
Raw Materials Corp.	Fluorescent Bulbs & Ballasts	Pt Colborne ONT	(905) 835 - 6774
Raw Materials Corp.	Fluorescent Bulbs & Ballasts	Buffalo	(888) 937 - 3382
Recyclights	Fluorescent Bulbs & Ballasts	Bloomington	(800) 831 - 2852

Miscellaneous

(See also your Yellow Pages under "Recycling" or "Rubbish Haulers".)

A. Martucci and Sons	Grease, Fat and Bones	Boston	(617) 442 - 8905
American Reclamation Corp.	Petroleum Contaminated Soil	Charlton	(508) 248 - 3777
Baker Commodities, Inc.	Fryolator&Trap Grease,Meat&Bone Meal	N. Billerica	(978) 454 - 8811
Biltrite Corp., Boston Matting Division	Scrap Rubber	Waltham	(781) 647 - 1700
Brox Industries	Petroleum Contaminated Soil	Dracut	(978) 805 - 9744
Capital Waste & Recycling, Inc.	Plate Glass	Albany	(518) 433 - 0033
Commercial Recycling Systems	Shred. Manuf. Rubber,Waste Oil Soil	Scarborough	(207) 883 - 3325
Cri-Tech, Inc.	Rubber,Fluoroelastomer(Molding Flash)	Hanover	(781) 826 - 5600
D'Ambra Construction	Petroleum Contaminated Soil	Warwick	(401) 737 - 1300
Diversified Services in Plastics Co.	Gaylord Boxes (for reuse)	Leominster	(978) 537 - 4380
E L Harvey & Sons	Plate Glass	Westborough	(800) 321 - 3002
Glassgo Recycling	Plate Glass	North Oxford	(508) 987 - 5600
Goldstein Scrap Metal	Reclaimed Film (for Silver Content)	Worcester	(508) 754 - 5711
Hanna Paper Recycling	Aluminum Plate, Film and Developer	Sharon	(781) 784 - 5155
Kidney Foundation Car Campaign	Boats, Planes, Trucks	Dedham	(800) 488 - 2277
Raw Materials Corp.	Mercury Devices	Buffalo	(888) 937 - 3382
Regal Redemption Center	Beer Barrels	Whitman	(781) 447 - 8474
Resource Recovery Sys. of Claverack	Ceramics	Claverack	(860) 767 - 7057
Resource Recovery Sys. of Howes Cave	Ceramics	Howes Cave	(860) 767 - 7057
Resource Recovery Systems Inc.	Ceramics	Centerbrook	(860) 767 - 7057
Resource Recovery Systems Inc.	Ceramics	Kensington	(860) 767 - 7057

Office, Computer and Electronic Equipment/Supplies (other than paper)

(See also your Yellow Pages under "Computer or Office Supplies" or "Recycling, Toner Cartridge".)

A & G Electronics, Inc.	Computers,Electronics,VGA Monitors	Worcester	(508) 799 - 5203
A Shapiro & Sons, Inc.	Electron. Equip.	North Adams	(413) 663 - 6525
Absolute Recycling	Electron. Equip.	West Haven	(203) 932 - 2422
Allied Computer Brokers, Inc.	Computers, Electronics, Shear #2	Bradford	(978) 521 - 5919
Asian Export Material Co.	Electron Equip & Whole Computers	Boston	(617) 332 - 7929
Aurora Electronics	Computers, Peripherals, ICs, Drives	San Diego	(800) 723 - 1357
B Peters Associates, Inc.	Computers	Baltimore	(410) 662 - 6380
Berger & Company	Electron. Equip.	Pawtucket	(401) 723 - 7240
Boston Computer Exchange	Laptops,Monitors,CPU's etc.- resale	Boston	(617) 542 - 4414 x107
Brighton/Allston/Brookline Lion's Club	Laser and Inkjet Cartridges	Belmont	(617) 484 - 5252
C E C Enterprises	386s, 486s, Hard Drives, Monitors	N. Chelmsford	(978) 251 - 0373
Community Resource Management, Inc.	Computers, Furniture	Lynn	(781) 598 - 6003
Community Resource Management, Inc.	Computers, Furniture	Salem	(978) 740 - 0963
Computer Loft, Inc.	Apple Macintosh only--resale	Boston	(617) 738 - 9997
Conigliaro Industries	Electron. Equip., Toner Cartridges	Framingham	(508) 872 - 9668
Conway Scrap Metal	Electron. Equip., Mainframes	Whitman	(781) 447 - 2534
D M C - Electronics Recycling	Computers and Electronics	Newfields	(603) 772 - 7236
Danka E B S	Toner Cart, Ribbons, HP Printers	Woburn	(800) 243 - 6283
Digital Equip. Corp. Resource Recov. Ctr.	Furniture, Comp. Components, Drives	Contoocook	(603) 746 - 8327
Dr. Bob's Computer Orphanage, Inc.	Broken&Good Computers/Peripherals	Northboro	(508) 393 - 5751

Office, Computer and Electronic Equipment/Supplies (other than paper)

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
E D R, Inc.	Industrial Manufg/Computer Equip.	Derry	(603) 437 - 3370
E L Harvey & Sons	Computers, Electron Equip	Westborough	(800) 321 - 3002
Earthworm, Inc.	Toner Cartridges	Somerville	(617) 628 - 1844
East West Educ. Devel. Foundation	Computers,Disks,Phone,Fax,Copiers	Boston	(617) 261 - 6699
Easter Seals Assistive Technologies	Donated Working Computers	Worcester	(800) 922 - 8290
Electronic Surplus Services	Computers and parts	Manchester	(603) 624 - 9600
Electronics Processing Assocs.	Computers, Elec., Test & Med. Equip.	Lowell	(978) 970 - 2700
Encore Images, Inc.	Laser Printers,Copiers,Fax Cartridges	Marblehead	(800) 868 - 4568
Enos Metals	Electronic Equipment	Taunton	(508) 824 - 5425
EnviroCycle	Computers, Electronic Equip.	Hallstead	(800) 711 - 6010
Full Circle	Transformers & Capacitors	Bronx	(800) 775 - 1516
G & A Precycling	General Office Supplies, Mainframes	Fitchburg	(978) 342 - 9600
Global Recycling Technologies, Inc.	Computers,Elec.Equip, Mercury Waste	Stoughton	(781) 341 - 6080
Goldstein Scrap Metal	Computer Scrap Metal	Worcester	(508) 754 - 5711
Goodwill Industries	Computers & Parts--repair	Springfield	(413) 788 - 6981
Green Solutions	Toner cartridges	Freemont	(603) 679 - 2483
Greenbriar Data Tech	All Media	Billerica	(978) 670 - 8141
Hetzel Elektronik Recycling - N.E.	Elec. Scrap, Computers, Phones	Warwick	(401) 737 - 5554
Ingenuity Corp.	Computer Housing	Barnard	(802) 234 - 5198
Intermediate Processing Facility	Computers and Electronic Equipment	Amherst	(413) 545 - 0618 X1
Karta Container & Recycling	Electron. Equip.	Peekskill	(914) 737 - 9211
Lacerta Group, Inc.	VHS Cass & 3480 Data Carts.,Comp.	Boston	(781) 386 - 8952
Lacerta Group, Inc.	Data & Mag. Media,CDs CD-Rs Diskettes	Boston	(781) 386 - 8952
LaserSaver	Laser Toner & Inkjet Cartridges	Bridgewater	(508) 697 - 2888
Laserstar	Laser Toner Cart., Laser & Inkjet Printers	Woburn	(781) 932 - 8667
Lasertone	Laser Printer Cartridges	Wayland	(508) 358 - 1200
Media Recovery Inc.	Mag. Tape,Comp Ribbons, Cartridges	Canton	(781) 821 - 2350
Mid City Scrap Iron & Salvage, Inc.	Computer Boards	Westport	(508) 675 - 7831
Mindshare	IBM compatible computers (reuse)	Brighton	(617) 787 - 7870
Mosaic Technology Corp.	PCs and Peripherals	Salem	(603) 898 - 5966
N A Nichols Co., Inc.	Electron. Equip.	Amesbury	(978) 388 - 9639
N I C R	Computer & Telecomm. Equip.	St. Petersburg	(813) 523 - 2000
Nashua Corporation	Toner Cartridges	Nashua	(800) 333 - 3439
National Cristina Foundation	Computer Parts	Stamford	(203) 967 - 8000
Omni Computer Products	Toner Cartridges	Carson	(800) 748 - 6664
Philip Lewis & Sons	Computer Parts, Boards	Dorchester	(617) 442 - 1250
Planergy, Inc.	Electronic Equipment, Computers	Marlboro	(800) 527 - 7648
Plastics and Metals Industries	Electron Equip, Comp. Monitors	Blodgett Mills	(607) 756 - 7732
Print Recovery Concepts	Toner & Inkjet Cartridges, Ribbons	Alfred	(207) 324 - 1515
Product Take Back Services	Computers,TVs,Test & Med. Equip.	Bedford	(781) 275 - 5560
R Kelly Freedman & Son, Inc.	Computer Boards Only	Green Island	(518) 273 - 1141
R T I International Corp.	Laser Printer Cartridges	Springfield	(413) 739 - 8889
Reclamation Technologies	Computer Monitors, LCDs	Portsmouth	(603) 433 - 2223
Recyclights	CRTs,PC Boards,Bulbs,Ballasts	Bloomington	(800) 831 - 2852
Stratford Baling Co.	Electron Equip, Computers/Parts	Stratford	(203) 377 - 7491
Supply Solutions, Inc.	Toner cartridges	Winchester	(781) 729 - 2000
TecsChange	VGAs, Peripherals & PCs--486s+	Brighton	(617) 783 - 1668
Tombarello Recycling, Inc.	Electron. Equip., Computers	Lawrence	(978) 682 - 5226
Tryonics, Inc.	PC Boards, Computers, Peripherals	Hampton	(603) 926 - 1122
Virtually Wired	486s or better (reuse)	Boston	(617) 542 - 5555
Windfield Alloy, Inc.	Computers & Parts, LCDs	Lawrence	(978) 689 - 2470

Paint

Includes oil-based and latex paints.

American Recycling & Environ. Services	Paint	N. Grafton	(508) 839 - 9489
Capital Waste & Recycling, Inc.	Paint	Albany	(518) 433 - 0033
Raw Materials Corp.	Paint	Pt Colborne ONT	(905) 835 - 6774

Paint

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Raw Materials Corp.	Paint	Buffalo	(888) 937 - 3382

Paper

(See also your Yellow Pages under "Recycling", "Rubbish Haulers" or "Waste Paper".)

A A A Paper Recycling	Computer, Mixed, White, Newsblank	Boylston	(508) 987 - 0186
A A A Recycling Sales & Services	All Grades	New Bedford	(508) 998 - 3399
A B C Disposal	Comp, Mixed, OCC, News/Mags, Phbk	New Bedford	(508) 995 - 0544
A P C Paper Company	White, Mixed, Comp, Spec., OCC, News	Putney	(603) 542 - 0411
A Shapiro & Sons, Inc.	All Grades	North Adams	(413) 663 - 6525
A W Martin, Inc.	All Grades	New Bedford	(508) 993 - 4359
Acme Metals & Recycling, Inc.	High Grades	Springfield	(413) 737 - 3112
Advanced Recycling	OCC	Concord	(800) 227 - 3911
American Fuyang Economic & Trade	OCC, News/Magazines	Randolph	(781) 961 - 8890
American Paper Recycling Corp.	All Grades	Mansfield	(508) 339 - 5551
American Tissue of NH	OCC, Ground Wood, White, Specialty	Winchester	(603) 336 - 5750
Atlantic Packaging	OCC, White, News/Mags, Comp, Spec.	Woburn	(781) 938 - 9990
Automated Materials Handling	Comp, Mixed, News/Mags, OCC	Springfield	(413) 785 - 5331
Automated Waste Disposal	All Grades	Danbury	(203) 743 - 0405
B F I Transcyclery	Computer, Mixed, OCC, News, Spec, White	Auburn	(508) 721 - 2700
B P Trucking Inc.	Comp, Mixed, News, OCC, Phbks, White	Ashland	(508) 653 - 4891
Bay State Paper Co.	OCC, Mixed	Hyde Park	(617) 361 - 3500
Bay State Paper Recycling	Computer, White	East Douglas	(508) 476 - 3212
Berger & Company	OCC, Mixed, News, Spec., White, Phone	Pawtucket	(401) 723 - 7240
Berkshire Clean-Way	Computer, News/Mags, Mixed, White	Dalton	(413) 684 - 0165
Bonded Insulation Co., Inc.	News	Hagaman	(518) 842 - 1470
Browning-Ferris Industries	All Grades, Spec	Boston	(617) 265 - 0500
Browning-Ferris Industries	News/Mags, OCC, Specialty, White	Brockton	(508) 580 - 1511
Browning-Ferris Industries	All Grades, Mixed, OCC, News, Spec.	Auburn	(800) 551 - 5584
Browning-Ferris Industries	Mixed, OCC	Chicopee	(800) 224 - 6234
Browning-Ferris Industries	All Grades, Drums, Spec	Hooksett	(603) 669 - 2282
Browning-Ferris Industries	News, White, OCC	S. Yarmouth	(508) 398 - 9222
Browning-Ferris Industries (BFI)	Mixed, News/Mags, Phonebooks	Southboro	(800) 987 - 8234x7023
C I D	All Grades	Chaffee	(716) 496 - 5000
Capital Paper Recycling Inc.	Comp, Mixed, News, OCC, Wh, Drums, Spec	East Weymouth	(617) 337 - 9807
Caraustar Paper Sales	Computer, Mixed, News, OCC, White	Rittman	(330) 927 - 7230
Cascade Diamond, Inc	News, Specialty Grades	Thorndike	(413) 283 - 8301
Casella Waste Management	All Grades, Boxboard, Specialty	Rutland	(802) 775 - 0325
Center House	High Grades	Boston	(617) 426 - 3535
Coastal Recycling	High Grades, OCC, News—curbside	Hancock	(207) 422 - 6766
Commercial Disposal/United Waste	High Grades, OCC, News	S. Hadley	(413) 539 - 9036
Commercial Disposal/United Waste	All Grades	West Springfield	(413) 737 - 1129
Community Resource Management, Inc.	Mixed & White Paper, Books	Lynn	(781) 598 - 6003
Community Resource Management, Inc.	Mixed & White, Books	Salem	(978) 740 - 0963
Complete Disposal	OCC, High Grades	Westfield	(413) 572 - 0015
Conigliaro Industries	Comp., Mixed, News/Mags, White, Phbk	Framingham	(508) 872 - 9668
Crown Vantage	White, Computer	Adams	(413) 743 - 0290
Daley & Sons Trucking	White, Comp, Mixed, News/Mags, OCC	Lee	(413) 243 - 3656
Datasafe Shredding & Recycling	OCC, White, Mixed, Computer, Spec.	Hanover,	(781) 878 - 2799
Dave Wickles Trucking	Comp, Mixed, News/Mags, OCC, White	Hatfield	(413) 247 - 9231
Daystar Recycling Corporation	News/Magazines	Syracuse	(315) 471 - 1142
Delmolino & Sons, Inc.	Mixed Office, News	Cheshire	(413) 743 - 5397
Digital Equip. Corp. Resource Recov. Ctr.	High Grades, Fiber Drums, Specialty	Contoocook	(603) 746 - 8327
Duseau Waste Industries Inc.	Comp, News, Mixed, White, OCC, Phbk	Hatfield	(413) 586 - 4100
E C Whitney & Son	Drums	Wilmington	(978) 658 - 8151
E L Harvey & Sons	All Grades	Westborough	(800) 321 - 3002
Earthworm, Inc.	Comp, Mixed, News, White, Spec., MCDBs	Somerville	(617) 628 - 1844
East Coast Recycling	OCC	East Lebanon	(207) 457 - 1179

RECYCLING SERVICES DIRECTORY

Paper

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Elm Fibers	Computer,Mixed,News,Mags,OCC	East Longmeadow	(413) 567 - 1759
Encore Paper Company	High Grades, News, OCC	South Glen Falls	(518) 793 - 5684
Energy Answers Corp.	OCC, News	Pittsfield	(413) 443 - 7373
Erving Paper Mill	Computer, White	Erving	(800) 225 - 7442 X270
Esleek Manufacturing	Specialty Grades, 100% Cotton	Turners Falls	(413) 863 - 4326
Essex Waste Paper Co. / P & T	All Grades	Lawrence	(978) 521 - 7419
Fort Orange Paper Company	B&W News, Industrial Clippings	Castleton	(518) 732 - 7722
Fromisano Recycling Center	All Grades	Newburgh	(914) 562 - 1792
Fulton Scrap Processors	White Office Paper	Fulton	(315) 593 - 7145
G & A Precycling	OCC, Drums	Fitchburg	(978) 342 - 9600
George Apkin & Sons, Inc.	OCC	North Adams	(413) 664 - 4936
Gitlin Paper Resources	Computer, White	Fall River	(508) 673 - 5884
Great Northern Recycling, Inc.	OCC	Mechanic Falls	(207) 345 - 3300
GreenCycle of the Northeast, Inc.	High Grades, News, OCC	West Hartford	(860) 953 - 7799
Greylock Ice & Fuel	All Grades	Adams	(413) 743 - 1020
Hallsmith Sysco	Comp,OCC,Wh,Mixed,News,Spec.,Phbk	Norton	(508) 285 - 1126
Hanna Paper Recycling	Comp,Drums,Mixed,News,OCC,Spec,Wh	Sharon	(781) 784 - 5155
Hart Construction Company, Inc.	OCC, News	Williamstown	(413) 458 - 5267
Hudson Baylor Corp.	All Grades	Newburgh	(914) 561 - 0167
Innovative Recycling Services Inc.	All Grades, Spec	Somers	(914) 232 - 2237
Innovative Recycling Services Inc.	OCC,White,Mixed,Comp,News,Spec	Somers	(914) 232 - 2237
International Paper	All Grades	Versailles	(203) 823 - 3650
J C Paper Company	All Grades	Poughkeepsie	(914) 454 - 2170
J R M Hauling & Recycling Services	Comp,Bk,Mixed,News,OCC,Phbk,White	Gloucester	(978) 283 - 1877
J Schwartz Motor Transport	All Grades, Spec	Manchester	(603) 627 - 4191
Jet-A-Way / Kemble Waste	OCC, Computer, White	Roxbury	(617) 541 - 4000
K T I of New England	All Grades	Charlestown	(617) 242 - 7746
Kansas Recycling & Trucking	Mixed Office	Brooklyn	(718) 387 - 9701
Karta Container & Recycling	Computer, Mixed, News, OCC, White	Peekskill	(914) 737 - 9211
Kruger Recycling Inc.	All Grades	Albany	(518) 433 - 0020
Leominster Recycling	High Grades, OCC, Spec	Leominster	(978) 534 - 3269
Maine Beverage Container	OCC	Portland	(207) 774 - 0735
Maine Marketing Cooperative	OCC, White, Mixed, Computer, News	Bangor	(207) 942 - 6772
Malden Waste Paper	High Grades	Malden	(781) 322 - 2337
Marcal Paper Mills, Inc.	Computer, White, Mixed, Mags.	Elmwood Park	(201) 796 - 4000
Martin's Farm	OCC	Greenfield	(413) 774 - 5631
Master Garbologist, Inc.	All Grades	New Marlboro	(413) 229 - 3442
Mattei-Flynn Trucking, Inc.	OCC	Auburn	(508) 754 - 2220
McGinnis Paper Recycling, Inc.	Computer,Mixed,News/Mags,OCC	Brockton	(508) 588 - 1520
Mighty-Nice-Rags Recycling	OCC, News/Mags	Broadalbin	(800) 836 - RAGS
Miller Recycling Corporation	Comp,Mixed,News,White,OCC,Spec.	North Attleboro	(800) 783 - 6766
N E Appliance Recovery Systems	OCC	East Freetown	(508) 763 - 3900
Natick Paperboard	OCC,Mixed,News/Mags,White,Phbk	Natick	(508) 653 - 9100
National Recycling	High Grades	Attleboro	(508) 226 - 1700
Newark Atlantic Paperboard	Mixed,News/Mags,OCC,White,Phbk	Lawrence	(978) 687 - 7100
Newark Paperboard / Haverhill	All Grades	Bradford	(978) 373 - 4111
North Shore Recycled Fibers	All Grades, Drums, Spec	Salem	(978) 744 - 4330
North Shore Recycled Fibers	All Grades	Webster	(800) 231 - 0049
North Shore Recycled Fibers	All Grades	Webster	(508) 943 - 0727
Office Paper Recovery Systems, Inc.	All Grades	Wilmington	(978) 694 - 1450
Ontario Recycling Corp.	OCC	Rochester	(716) 328 - 4253
P & T Container Service/USA Waste	Computer, Mixed,News,OCC,White	Haverhill	(800) 692 - 0009
P Allen & Sons Inc.	Computer,OCC,Mixed,White,News	Northampton	(413) 584 - 3040
P M Recycling	OCC	Woonsocket	(401) 765 - 0330
P M Services Inc.	High Grades, OCC, Mixed	Plainville	(860) 747 - 1335
Palmer Waste & Metal Company	Comp,Mixed,News,OCC,White,Spec.	Palmer	(413) 283 - 6371

Paper

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Paper Recycling International	All Grades	Williamsville	(716) 626 - 1700
Perkit Folding Box	Mixed, Newsprint/Magazines	Mattapan	(617) 361 - 1057
Pinetree Recycling Corp.	High Grades, OCC, News/Mags	Malborough	(603) 357 - 4586
Plastics and Metals Industries	OCC	Blodgett Mills	(607) 756 - 7732
Putney Paper Company, Inc.	White, OCC, News/Mags, Books, Kraft Bags,	Putney	(802) 387 - 4074
R R T Recycle America	OCC, White, Mixed, Comp, News	Rochester	(716) 254 - 3380
R R T Recycle America	OCC, White, Mixed, Comp, News	Syracuse	(315) 455 - 7080
R R T Recycle America/Waste Man.	OCC, News, Brown Bags--residential	Springfield	(413) 747 - 9294
Recycling Services, Inc.	All Grades, Spec	Claremont	(603) 542 - 8755
Red Hook Paper Inc.	OCC, News	Red Hook	(914) 758 - 9200
Repak, Inc.	OCC	Shirley	(978) 425 - 2399
Resource Recovery Sys. of Claverack	All Grades, Specialty, Chipboard	Claverack	(860) 767 - 7057
Resource Recovery Sys. of Howes Cave	All Grades, Specialty, Chipboard	Howes Cave	(860) 767 - 7057
Resource Recovery Systems Inc.	All Grades, Specialty, Chipboard	Centerbrook	(860) 767 - 7057
Resource Recovery Systems Inc.	All Grades, Specialty, Chipboard	Kensington	(860) 767 - 7057
ReVamp, Inc.	OCC, Mixed	Newton	(617) 254 - 2818
ReVamp, Inc.	Mixed, OCC	Quincy	(617) 774 - 0350
ReVamp, Inc.	OCC	Concord	(603) 228 - 5211
Roger Trucking	All Grades	Great Barrington	(413) 528 - 3590
Roy's Recycling Service	All Grades, OCC, News/Mags, Special	Wellesley	(781) 237 - 1147
Save That Stuff	OCC, White	Cambridge	(617) 241 - 9998
Schirmer Paper Corp.	All Grades	Boston	(617) 269 - 8899
Scott Smith Trucking	White, Computer, OCC, News	Williamstown	(413) 458 - 4453
Sheffield Foods	Computer, Mixed, News, OCC, White	Sheffield	(413) 528 - 8066
Smith Vocational-Agricultural H S	Waxed OCC	Northampton	(413) 587 - 1401
Somers Sanitation	High Grades, OCC, News, Specialty	East Windsor	(860) 627 - 5753
Sonoco Products Co.	OCC, News	Amsterdam	(518) 842 - 1010
Spiegel Co.- Waste Management	Comp, OCC, Mixed, White, Spec.	Avon	(800) 696 - 9921
Springfield Materials Recovery Facility	High Grades, Mixed, News/Mags	Springfield	(413) 784 - 1100x286
Sterling / C & J Trucking	Comp, Mixed, News, OCC, Spec, White	Hooksett	(800) 654 - 8817
Stratford Baling Co.	All Grades, Drums, Specialty	Stratford	(203) 377 - 7491
T K Trading & Consulting Inc.	All Grades	Duxbury	(781) 934 - 1560
Turner Trucking & Salvage Co., Inc.	All Grades	Lynn	(781) 595 - 3741
Tuscarora Incorporated	Computer, Mixed, News/Mags, OCC	Holden	(508) 829 - 7175
U S A Waste	Comp, News/Mags, Mixed, OCC--Curbside	Fitchburg	(800) 649 - 1666
U S A Waste	Plastics 1-7 - Curbside	Fitchburg	(800) 649 - 1666
U S A Waste of Mass., Inc.	Comp, News/Mags, Mixed, OCC--Curbside	Somerville	(617) 628 - 6199
Vel-A-Tran	High Grades, Specialty	Billerica	(978) 663 - 7266
Vining Disposal Service, Inc.	All Grades	Revere	(781) 289 - 0500
Vining Disposal Service, Inc.	Computer, White, OCC - Curbside	Revere	(617) 289 - 0500
Vining Disposal Service, Inc.	OCC, Computer, Mixed, White	Liverpool	(800) 428 - 8492
Waste Man. of NY	Comp, Mixed, MCDBs, Phbk, News, White	Brooklyn	(718) 386 - 7900x325
Waste Management	Computer, Mixed, News, OCC, White	Plymouth	(508) 830 - 0030
Waste Management	Computer, Mixed, News, OCC, White	Woburn	(781) 933 - 2113
Waste Management Inc.	Computer, Mixed, OCC, White	Gonic	(603) 330 - 2150
Waste Management of Central Mass	Comp, News, Mixed, OCC, White, Phbk	West Boylston	(508) 835 - 6001
Waste Management of Mass., Inc.	Comp, Mixed, OCC, Phonebook, White	Cranston	(800) 972 - 4545
We Cycle Inc.	Computer, Mixed, News, OCC, White	Shrewsbury	(508) 792 - 1800
White Paper Project	High Grades	Somerville	(617) 776 - 1448
Wood Recycling, Inc.	All Grades, Spec--drop-off only	Woburn	(800) 982 - 8732
Yank Waste	All Grades, Specialty	Albany	(518) 456 - 2345

RECYCLING SERVICES DIRECTORY

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Plastic			
<i>(See also your Yellow Pages under "Recycling", "Rubbish Haulers" or "Scrap Plastic".)</i>			
A A A Polymer	Plastics 1-7, LDPE, Bottle Bags, ABS	Brooklyn	(718) 389 - 2498
A A A Recycling Sales & Services	HDPE, PET, Other Eng. Resin	New Bedford	(508) 998 - 3399
A B C Disposal	PETE, HDPE, PS, EPS	New Bedford	(508) 995 - 0544
A W Martin, Inc.	HDPE, PET, LDPE Bag & Shrinkwrap	New Bedford	(508) 993 - 4359
Aaron Industries Corp.	PET, HDPE, PVC, LDPE, PP, PS	Leominster	(978) 534 - 6135
Asian Export Material Co.	All Plastic	Boston	(617) 332 - 7929
Atlon Laboratories, Inc.	Plastics 1-7, ABS, Polycarb, Polyure	Framingham	(508) 875 - 4421
Automated Recycling Technology	PET, HDPE, Other Engineered Resin	Eatontown	(732) 544 - 8447
Automated Recycling, Inc.	1-7 Commingled	West Bridgewater	(508) 584 - 5004
B F I Transcyclery	PET, HDPE	Auburn	(508) 721 - 2700
B P Trucking Inc.	PETE, HDPE, PVC, LDPE, PP, PS	Ashland	(508) 653 - 4891
Berger & Company	Other Engineered Resin	Pawtucket	(401) 723 - 7240
Berkshire Clean-Way	PET, HDPE, PVC, LDPE, PP, PS	Dalton	(413) 684 - 0165
Better Bottle & Redemptio	PET, HDPE	Burlington	(781) 273 - 1373
Biltrite Corp., Boston Matting Division	Vinyl	Waltham	(781) 647 - 1700
Boulder Resources Ltd	PET, HDPE	New York	(212) 563 - 0222
Browning-Ferris Industries	PET, HDPE	Brockton	(508) 580 - 1511
Browning-Ferris Industries	PET, HDPE	Auburn	(800) 551 - 5584
Browning-Ferris Industries	PET, HDPE	Boston	(617) 265 - 0500
Browning-Ferris Industries	PET, HDPE, PVC	Chicopee	(800) 224 - 6234
Browning-Ferris Industries	PET, HDPE, PVC, LDPE, PP, PS	Hooksett	(603) 669 - 2282
Browning-Ferris Industries (BFI)	PETE, HDPE	Southboro	(800) 987 - 8234x7023
C T Metal Industries	All Grades 1-7	Monroe	(203) 268 - 5909
Capital Paper Recycling Inc.	PET, HDPE, PVC, LDPE, PP, PS, ABS	East Weymouth	(617) 337 - 9807
Capital Waste & Recycling, Inc.	Plastics 1-6, drums, 5-gallon pails	Albany	(518) 433 - 0033
Carco Recycling Corp.	PET	Menands	(518) 436 - 4333
Casella Waste Management	HDPE, PETE, LDPE, PS	Rutland	(802) 775 - 0325
Civiera & Silver Intl., Inc.	PET, PVC, LDPE, PP, PS, Eng.-PostInd.	Holden	(508) 829 - 7353
Clearview Polymers	HDPE, PP	Amsterdam	(518) 842 - 7134
Colors Compounds & Consultants, Inc.	HDPE, PVC, PP	Seabrook	(603) 474-3667
Commercial Disposal/United Waste	HDPE, PET, PVC	S. Hadley	(413) 539 - 9036
Commercial Disposal/United Waste	PET, HDPE, PVC	West Springfield	(413) 737 - 1129
Conigliaro Industries	1-7, ABS, Polycarb, Polyure, Other, Drums	Framingham	(508) 872 - 9668
Connecticut Metals Industries	PET, HDPE, PVC, LDPE, PP, Drum/Pails	Monroe	(203) 268 - 5909
Daley & Sons Trucking	PETE, HDPE, PVC, PP, PS, Other	Lee	(413) 243 - 3656
Daystar Recycling Corporation	PET	Syracuse	(315) 471 - 1142
Denton Plastics, Inc.	HDPE, LDPE, PET, PP, PS, PVC, Eng	Portland	(503) 257 - 9945
Discas, Inc.	All Plastics	Waterbury	(203) 755 - 3123
Diversified Services in Plastics Co.	HDPE, LDPE, PET, PP, PS--Post Indus.	Leominster	(978) 537 - 4380
Duseau Waste Industries Inc.	HDPE, PET, PVC, LDPE, PP	Hatfield	(413) 586 - 4100
E C Whitney & Son	HDPE, Drums, Other Eng. Resin	Wilmington	(978) 658 - 8151
E D R, Inc.	Other Engineered Resin	Derry	(603) 437 - 3370
E L Harvey & Sons	HDPE, PET, LDPE Film	Westborough	(800) 321 - 3002
East Coast Recycling	PET, HDPE, LDPE, PS	East Lebanon	(207) 457 - 1179
East Coast Recycling	PETE, HDPE, PVC, PP, PS, Other	Vineland	(609) 327 - 8888
Entis Associates	Post-industrial PETE, PS, ABS	Brookline	(617) 267 - 2322
EnviroPlastics Corp.	HDPE	Auburn	(508) 832 - 5095
Envirosafe Products, Inc.	HDPE, LDPE, PP regrind	Staten Island	(718) 984 - 7272
F P International	PS, EPS-packaging	Auburn	(508) 832 - 5369
Foam Concepts Inc.	EPS	Uxbridge	(508) 278 - 7255
Frankel Industries, Inc.	All Plastics	Edison	(908) 572 - 0036
G & A Precycling	PS Sheets & Foam	Fitchburg	(978) 342 - 9600
Gianco Ltd.	1-7, ABS, Polycarb, Polyure, Other	West Babylon	(516) 491 - 5800
Good Works Plastic Recycling	PET, HDPE, PVC, LDPE, PP, PS	Greenfield	(413) 774 - 3040

Plastic

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
GreenCycle of the Northeast, Inc.	PET, HDPE	West Hartford	(860) 953 - 7799
Greylock Ice & Fuel	All Plastics	Adams	(413) 743 - 1020
H Van Hoven, Inc.	All Plastics	Holden	(508) 852 - 8622
Hallsmith Sysco	PETE, HDPE, PVC, LDPE, PP, PS, Pails	Norton	(508) 285 - 1126
Hart Construction Company, Inc.	PETE, HDPE	Williamstown	(413) 458 - 5267
Harvest Cooperative Supermarket	Plastic Bags (reuse)	Cambridge	(617) 661 - 1580
Harvest Cooperative Supermarket	Plastics 1-7, Vitamin Bottles	Allston	(617) 787 - 1416
Hudson Baylor Corp.	PET, HDPE, PVC, LDPE, PP, PS, EPS	Newburgh	(914) 561 - 0167
Ingenuity Corp.	All Plastics, Computer Housing	Barnard	(802) 234 - 5198
J R M Hauling & Recycling Services	All Grades 1-7	Gloucester	(978) 283 - 1877
K C Recycling Company	Polyurethane Foam	Abington	(781) 792 - 3913
K T I of New England	HDPE, PET	Charlestown	(617) 242 - 7746
Karta Container & Recycling	1-7, Plastic Drums, 5-Gallon Pails	Peekskill	(914) 737 - 9211
L Fine & Company	1-7, ABS, Polycarb. (10,000 lbs min)	Peabody	(978) 532 - 2112
Lacerta Group, Inc.	Plastics 1-6, ABS, Polycarb, Other	Boston	(781) 386 - 8952
Maine Marketing Cooperative	PETE, HDPE	Bangor	(207) 942 - 6772
Marsh Plastics	All Plastics	Amherst	(716) 834 - 6500
Master Garbologist, Inc.	PET, HDPE, PP, PVC, PS, Other	New Marlboro	(413) 229 - 3442
Mighty-Nice-Rags Recycling	PETE, HDPE, LDPE	Broadalbin	(800) 836 - RAGS
Miller Recycling Corporation	PET, PVC, LDPE, Eng.	North Attleboro	(800) 783 - 6766
National Polystyrene Recycling Co.	All PS, Food Service Pkg & Regrind	Chicago	(312) 568 - 1221
Nature's Backyard, Inc.	Flake & Pellet HDPE	North Dartmouth	(508) 992 - 0404
North Shore Recycled Fibers	PETE, HDPE	Salem	(978) 744 - 4330
Northeast Plastics	1-7, ABS, Polycarb, Tyvek--Post-Indus	Portsmouth	(603) 433 - 6411
Obex, Inc.	All Plastics 1-7	Stamford	(203) 975 - 9094
Ontario Recycling Corp.	All Plastics 1-7, ABS, Other	Rochester	(716) 328 - 4253
Oriental Export, Inc.	All Plastics, Eng., Polycarbonate	Oakridge	(781) 356 - 2386
P & T Container Service/USA Waste	PET, HDPE, PS	Haverhill	(800) 692 - 0009
P Allen & Sons Inc.	HDPE, PET	Northampton	(413) 584 - 3040
P K Metals	PETE, HDPE, LDPE, ABS (trailerloads)	Coram	(516) 732 - 6403
P M Recycling	All Plastics	Woonsocket	(401) 765 - 0330
P M Services Inc.	PET, HDPE	Plainville	(860) 747 - 1335
P T I America Co.	HDPE	Berlin	(978) 838 - 0223
Palmer Waste & Metal Company	Post-Industrial Plastic 1-7	Palmer	(413) 283 - 6371
Paper City Plastics Waste Co.	All Industrial Plastics	Holyoke	(413) 534 - 7900
Pinetree Recycling Corp.	PET, HDPE	Malborough	(603) 357 - 4586
Plastics and Metals Industries	1-2, 4-7, ABS, Polycarb, 5-Gal, Other	Blodgett Mills	(607) 756 - 7732
Plastics Group of America	ABS, Polycarb., Polyolefin, Other	Woonsocket	(401) 767 - 2700
Polychem (USA), Inc.	All Plastics, Eng.	Foxboro	(508) 543 - 2490
Polyfoam Corp.	EPS Foam	Northbridge	(508) 234 - 6323
Polymer Resource Group (P R G)	Plastics 1-7, 5-Gallon Plastic Pails	Baltimore	(410) 686 - 9232
Price Chopper #07	Clear Plastic Bags	Lee	(413) 243 - 2238
Price Chopper #144	Plastic Bags	Framingham	(508) 620 - 0615
Price Chopper #150	Plastic Bags	Spencer	(508) 885 - 5778
Price Chopper #153	Plastic Bags	Webster	(508) 943 - 7232
Price Chopper #154	Plastic Bags	W. Boylston	(508) 835 - 4401
Price Chopper #32	Plastic Bags	North Adams	(413) 663 - 6252
Pro Pel Plasteck	HDPE, LDPE, PET, Polyurethane	S. Deerfield	(413) 665 - 3379
Pure Tech Plastics, Inc.	PET	East Farmingdale	(516) 755 - 1124
R R T Recycle America	PETE, HDPE	Rochester	(716) 254 - 3380
R R T Recycle America	PETE, HDPE	Syracuse	(315) 455 - 7080
R R T Recycle America/Waste Man.	1-7 Bottles only	Springfield	(413) 747 - 9294
Recycling Separation Technologies	Computer Plastic: ABs, Polycarb, Eng.	Lowell	(978) 453 - 3425
Recycling Services, Inc.	Plastics 1-7, BOPP	Claremont	(603) 542 - 8755
Repak, Inc.	PETE	Shirley	(978) 425 - 2399
Resource Recovery Sys. of Claverack	Injection-Molded PETE, HDPE	Claverack	(860) 767 - 7057

RECYCLING SERVICES DIRECTORY

Plastic

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Resource Recovery Sys. of Howes Cave	Injection-Molded PETE, HDPE	Howes Cave	(860) 767 - 7057
Resource Recovery Systems Inc.	Injection-Molded PETE, HDPE	Centerbrook	(860) 767 - 7057
Resource Recovery Systems Inc.	Injection-Molded PETE, HDPE	Kensington	(860) 767 - 7057
ReVamp, Inc.	Indus. HDPE, LDPE, PP, PS, ABS, Polycarb	Concord	(603) 228 - 5211
ReVamp, Inc.	Plastics 1-6, ABS, Polyolefin, Mylar	Newton	(617) 254 - 2818
ReVamp, Inc.	Plastics 1-6, ABS, Polyolefin, Mylar	Quincy	(617) 774 - 0350
Roger Trucking	PET, HDPE, PVC, LDPE, PP, PS	Great Barrington	(413) 528 - 3590
Roy's Recycling Service	Plastics 1-7	Wellesley	(781) 237 - 1147
S Kasowitz & Sons	PVC	West Haven	(203) 932 - 5978
Salitsky Alloys, Inc.	PVC	Worcester	(508) 791 - 2444
Scott Smith Trucking	PETE, HDPE, PVC	Williamstown	(413) 458 - 4453
Somers Sanitation	PET, HDPE, PS	East Windsor	(860) 627 - 5753
Springfield Materials Recovery Facility	All Plastic bottles 1-7	Springfield	(413) 784 - 1100x286
St. Jude Polymer	PET, HDPE	Frackville	(717) 874 - 1220
Storopack Inc.	Expanded Polystyrene Peanuts	Westborough	(508) 366 - 1249
Stratford Baling Co.	PET, HDPE, Pails	Stratford	(203) 377 - 7491
Tech Pak Inc.	PS	Peabody	(978) 532 - 3500
Tenneco Packaging	LDPE	Deerfield	(847) 914 - 1825
Tri-State Hospital Supply Corp	HDPE Plastic Laundry Bags	Mansfield	(508) 339 - 9600
Turn-Key Plastics Corporation	HDPE, LDPE, PP, PS—post-indus.	Rochdale	(508) 892 - 1777
Tuscarora Incorporated	EPS, Polyurethane	Holden	(508) 829 - 7175
Tuscarora Incorporated	EPS	Putnam	(860) 928 - 7795
Vermont Republic Industries	HDPE, PVC, 5-Gallon Pails	St. Albans	(802) 524 - 6055
Vining Disposal Service, Inc.	PET, HDPE	Revere	(781) 289 - 0500
Vining Disposal Service, Inc.	All Plastics	Revere	(617) 289 - 0500
Vining Disposal Service, Inc.	PETE, HDPE	Liverpool	(800) 428 - 8492
w T e Recycling Corp.	PET, Plastic Strapping	Albany	(518) 459 - 1080
Waste Man. of NY	Plastics 1-3, Natural	Brooklyn	(718) 386 - 7900x325
Waste Management	HDPE, PET—Commingled	Plymouth	(508) 830 - 0030
Waste Management	Plastic 1-7	Woburn	(781) 933 - 2113
Waste Management of Central Mass	Plastics 1-7	West Boylston	(508) 835 - 6001
Waste Management of Mass., Inc.	Plastics 1-7	Cranston	(800) 972 - 4545
We Cycle Inc.	HDPE, PVC, LDPE, PP, ABS, Eng.	Shrewsbury	(508) 792 - 1800
Wiltec, Inc.	HDPE, PS, PP, ABS	Leominster	(978) 537 - 1497

Scrap Metal and White Goods

(See also your Yellow Pages under "Junk", "Recycling" or "Scrap Metal".)

A B C Disposal	Ferrous, Non-Ferrous	New Bedford	(508) 995 - 0544
A Shapiro & Sons, Inc.	Ferrous, Non-Ferrous, White	North Adams	(413) 663 - 6525
A W Martin, Inc.	Ferrous, Non-Ferrous, White Goods	New Bedford	(508) 992 - 7828
Acme Metals & Recycling, Inc.	Ferrous, Non-Ferrous	Springfield	(413) 737 - 3112
Advanced Environ. Recycling Co., L.L.C.	Precious	Allentown	(800) 554 - 2372
Advanced Recycling	Drums, Ferr., Non-Ferr., White	Concord	(800) 227 - 3911
Albert Brothers	Ferrous, Non-Ferrous	Waterbury	(203) 753 - 4146
Allied Computer Brokers, Inc.	Precious Metals	Bradford	(978) 521 - 5919
American Fuyang Economic & Trade	Non-Ferrous	Randolph	(781) 961 - 8890
American Recycling & Environ. Services	Semi-Precious Metals	N. Grafton	(508) 839 - 9489
Asian Export Material Co.	Non-Ferrous	Boston	(617) 332 - 7929
Atlantic Stainless Co., Inc.	Non-Ferr. Stainless steel, nickel alloys	North Attleboro	(508) 695 - 6262
Atlas Metals	Non-Ferrous	Somerville	(617) 666 - 8440
Atlas Metals	Non-Ferrous	Somerville	(617) 666 - 8440
B F I Transcyclery	White Goods	Auburn	(508) 721 - 2700
B Millens Sons	Ferrous, Non-Ferrous	Kingston	(914) 331 - 7600
B P Trucking Inc.	Ferrous, Non-Ferrous, White Goods	Ashland	(508) 653 - 4891
Bay State Paper Recycling	Ferrous, Non-Ferrous	East Douglas	(508) 476 - 3212
Belchertown Metal Recycling Co.	Ferrous, Non-Ferrous	Belchertown	(413) 323 - 6639
Ben Weitsman & Son Inc.	Drums, Ferrous, Non-Ferrous	Owego	(607) 687 - 2780

Scrap Metal and White Goods

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Berger & Company	Non-Ferrous	Pawtucket	(401) 723 - 7240
Berkshire Clean-Way	Ferrous, Non-Ferrous, White	Dalton	(413) 684 - 0165
Berlin Auto Parts	Ferrous, Non-Ferrous	Berlin	(978) 838 - 2991
Bokser's Junk Shop	Copper, Alum, Brass, Precious	Medford	(781) 395 - 8810
Bolduc Auto Salvage	Ferrous, Non-Ferrous	Montpelier	(802) 223 - 7917
Boulder Resources Ltd	Ferrous, Non-Ferrous	New York	(212) 563 - 0222
Brockton Iron & Steel	Ferrous, Non-Ferrous, White	Brockton	(508) 586 - 4640
Browning-Ferris Industries	Ferrous, Non-Ferrous, White Goods	Boston	(617) 265 - 0500
Browning-Ferris Industries	Ferrous, Non-Ferrous	Chicopee	(800) 224 - 6234
Browning-Ferris Industries	White Goods	Hooksett	(603) 669 - 2282
Browning-Ferris Industries	White Goods	Auburn	(800) 551 - 5584
Browning-Ferris Industries (BFI)	White Goods	Southboro	(800) 987 - 8234x7023
C J Mabardy	White Goods, Ferrous, Non-Ferrous	Cambridge	(617) 354 - 7580
C T Metal Industries	Non-Ferrous	Monroe	(203) 268 - 5909
Capital Paper Recycling Inc.	Ferrous, Non-Ferrous, Precious	East Weymouth	(617) 337 - 9807
Capital Scrap Metal	Ferrous, Non-Ferrous	Albany	(518) 465 - 4914
Capital Waste & Recycling, Inc.	Ferr, Non-Ferr, Drums, White	Albany	(518) 433 - 0033
Casella Waste Management	Ferrous, Non-Ferrous	Rutland	(802) 775 - 0325
Central Iron & Metal Co.	Ferrous, Non-Ferrous	New York	(212) 947 - 2985
Charles Effron and Sons, Inc.	Ferrous, Non-Ferrous	Poughkeepsie	(914) 471 - 0820
Cody & Tobin Inc.	Non-Ferrous	New Bedford	(508) 999 - 6711
Commercial Disposal/United Waste	Ferrous, Non-Ferrous, White Goods	S. Hadley	(413) 539 - 9036
Commercial Disposal/United Waste	Ferrous, Non-Ferrous	West Springfield	(413) 737 - 1129
Complete Disposal	Ferrous, Non-Ferrous	Westfield	(413) 572 - 0015
Conigliaro Industries	Drums, Ferrous, White	Framingham	(508) 872 - 9668
Conway Scrap Metal	Non-Ferrous, Precious	Whitman	(781) 447 - 2534
Cosentino Salvage & Recycling	Ferrous, Non-Ferrous	Templeton	(978) 939 - 2559
Costello Dismantling Co. Inc.	Ferrous, Non-Ferrous	Middleboro	(508) 946 - 0880
Curboy Salvage	White Goods	Sturbridge	(508) 347 - 9650
D & D Welding & Salvage	Non-Ferrous	Southbridge	(508) 765 - 5119
D M C - Electronics Recycling	Ferrous, Non-Ferrous, Precious	Newfields	(603) 772 - 7236
Dave Wickles Trucking	Drums, Ferrous, Non-Ferrous, White	Hatfield	(413) 247 - 9231
Duseau Waste Industries Inc.	Ferrous, Non-Ferrous	Hatfield	(413) 586 - 4100
E C Whitney & Son	Drums, Ferrous	Wilmington	(978) 658 - 8151
E D R, Inc.	Ferrous, Non-Ferrous	Derry	(603) 437 - 3370
E L Harvey & Sons	Ferrous, Non-Ferrous	Westborough	(800) 321 - 3002
E R R C O	Ferrous, Non-Ferrous	Epping	(603) 679 - 2626
E W S of Maine, Inc.	Ferr./Non-F., Drums, Prec, White	Saco	(207) 284 - 4516
Electronics Processing Assocs.	Ferrous, Non-Ferrous, Precious	Lowell	(978) 970 - 2700
Empire Scrap Metals, Inc.	Non-Ferrous	Worcester	(508) 752 - 7750
Energy Answers Corp.	Ferrous, Non-Ferrous, White Goods	Pittsfield	(413) 443 - 7373
Enos Metals	Ferrous, Non-Ferrous, Stainless Steel	Taunton	(508) 824 - 5425
Environmental Waste Technology	Chromium & Nickel	Newton	(617) 332 - 2877
Faulkner Enterprise	Ferrous, Non-Ferrous	Worcester	(508) 791 - 4802
Framingham Salvage	Ferrous, Non-Ferrous, White	Framingham	(508) 872 - 4393
Fulton Scrap Processors	Drums, Ferrous, Non-F., White	Fulton	(315) 593 - 7145
G & A Precycling	Drums	Fitchburg	(978) 342 - 9600
General Metals and Smelting	Non-Ferrous	Roxbury	(617) 442 - 2050
George Apkin & Sons, Inc.	Ferrous, Non-Ferrous, White Goods	North Adams	(413) 664 - 4936
Gershow Recycling	Non-Ferrous	Medford	(516) 289 - 6188
Gitlin Brothers	Non-Ferrous, Iron	Fall River	(508) 673 - 5884
Glantz Iron and Metals, Inc.	Ferrous, Non-Ferrous	Brooklyn	(718) 782 - 3358
Goldstein Scrap Metal	Non-Ferrous, Alum. Cans, Computer	Worcester	(508) 754 - 5711
Greylock Ice & Fuel	Non-Ferrous, White Goods	Adams	(413) 743 - 1020
H Bixon & Sons	Ferrous, Non-Ferrous	New Haven	(203) 777 - 7445
H Cohen & Co.	Ferrous	South Boston	(617) 268 - 6050

Scrap Metal and White Goods

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
H H & M Metals Inc.	Non-Ferrous	Everett	(617) 387 - 4685
Hanna Paper Recycling	Non-Ferrous	Sharon	(781) 784 - 5155
Hodgdon Brothers	Ferrous, Non-Ferrous	Ascutney	(802) 674 - 6202
Hodgdon Brothers Recycling	Ferrous, Non-Ferrous	Swanton	(802) 868 - 7280
Industrial Metal Recycling	Drums, Ferr, Non-F., White Goods	Bangor	(207) 947 - 3710
Industrial Metal Recycling	Drums, Fer., Non-F., Prec., White	Oakland	(207) 983 - 4892
International Metal Corp.	Non-Ferrous	Stoughton	(781) 297 - 3000
J Bass & Sons Inc.	Fer., Non-F., Precious, White	Mount Vernon	(914) 667 - 1442
J Broomfield & Sons	Ferrous, Non-Ferrous	Providence	(401) 785 - 2040
James G. Grant Co.	Ferrous, Non-Ferrous	Readville	(617) 361 - 2716
Jet-A-Way / Kemble Waste	Drums, Ferrous, Non-F., Prec, White	Roxbury	(617) 541 - 4000
Jewell Resources	Ferrous, Non-Ferrous	Lebanon	(800) 458 - 4525
Joseph Freedman Co., Inc.	Ferrous, Non-Ferrous	Springfield	(413) 781 - 4444
Kane Scrap Iron & Metal, Inc.	Ferrous, Non-Ferrous	Chicopee	(413) 594 - 5160
Karta Container & Recycling	Drums, Fer., Non-F., Prec, White	Peekskill	(914) 737 - 9211
Kradin Metal Company	Ferrous, Non-Ferrous	Dorchester	(617) 288 - 0044
Lenox Junk	Non-Ferrous	Dorchester	(617) 288 - 2841
Leominster Recycling	Non-Ferrous	Leominster	(978) 534 - 3269
Leroy & Co., Inc.	Ferrous, Non-Ferrous	Worcester	(508) 752 - 1790
Louis Perlman & Sons Inc.	Ferrous, Non-Ferrous	Pittsfield	(413) 442 - 7127
M & S Metals Co., Inc.	Non-Ferrous	Everett	(617) 884 - 6735
M Burstein & Co., Inc.	Ferrous, Non-Ferrous—Industrial Only	Chelsea	(617) 884 - 7700
M J Metal Inc.	Ferrous, Non-Ferrous	Bridgeport	(203) 334 - 3484
M J S Scrap Metals	Drum, Fer., Non-F., White	Townsend	(978) 597 - 2927
M K Industries	Trans., Cat. Converters, Prec.	Bridgewater	(508) 279 - 1129
M Kaplan & Co.	Non-Ferrous	Everett	(617) 389 - 4775
M L Norwood Auto Recycling	Ferrous, Non-Ferrous	North Grafton	(508) 839 - 5934
M Sugarman & Co., Inc.	Ferrous, Non-Ferrous	Quincy	(617) 479 - 1637
Madbury Metals	Ferrous, Non-Ferrous	Madbury	(603) 749 - 3314
Maine Metal Recycling	Ferrous, Non-Ferrous	Auburn	(207) 786 - 3531
Making Waste Obsolete	Ferrous, Non-Ferrous	Peterborough	(603) 924 - 7034
Master Garbologist, Inc.	Ferrous, Non-Ferrous, White Goods	New Marlboro	(413) 229 - 3442
Mattei-Flynn Trucking, Inc.	Non-Ferrous, White Goods	Auburn	(508) 754 - 2220
Mattuchio Brothers Inc.	Ferrous, Non-Ferrous	Everett	(617) 387 - 1919
Metalor USA Refining Corp.	Precious Metals	North Attleboro	(508) 699 - 8800
Metals Management Inc.	Ferrous, Non-F, Precious	Hartford	(860) 522 - 3123
Metals Recovery Inc.	Non-Ferrous	Brockton	(508) 587 - 3010
Metals Recycling LLC	Ferrous	Worcester	(508) 798 - 3333
Meyerson Bros. Inc.	Non-Ferrous	New Rochelle	(914) 636 - 4743
Mich-Lin Transfer Station	Ferrous, Non-Ferrous, White Goods	Cambridge	(617) 354 - 7580
Mid City Auto Resources	Cores, Starters, Generators	Westport	(508) 675 - 7831
Mid City Scrap Iron & Salvage, Inc.	Ferrous, Non-F., Prec., White	Westport	(508) 675 - 7831
Mid City Used & Surplus Materials	Used Pipe, Beams, Steel & Alum Plate	Westport	(508) 675 - 7831
Mike's Junk Co.	Non-Ferrous	Everett	(617) 884 - 6569
Miller Recycling Corporation	Non-Ferrous	North Attleboro	(800) 783 - 6766
Millis Used Auto Parts	Non-Ferrous, White	Millis	(508) 376 - 8700
Minichiello Bros., Inc.	Non-Ferrous	Everett	(617) 389 - 7213
N A Nichols Co., Inc.	Drums, Fer., Non-F., Prec., White	Amesbury	(978) 388 - 9639
N E Appliance Recovery Systems	Drums, Fer., Non-F., Prec., White	East Freetown	(508) 763 - 3900
National Waste Co.	Ferrous, Non-Ferrous	Providence	(401) 751 - 3897
New Bedford Waste	Alum, Stainless, Exotic Metals	Westport	(508) 675 - 7831
Olde English Metal Ltd.	Ferrous, Non-Ferrous	Falmouth	(508) 540 - 7873
Ontario Recycling Corp.	Drums, Ferrous, Non-Fer, White	Rochester	(716) 328 - 4253
P & T Container Service/USA Waste	Ferrous, Non-Ferrous, White Goods	Haverhill	(800) 692 - 0009
P Allen & Sons Inc.	Non-Ferrous	Northampton	(413) 584 - 3040
P K Metals	Drums, Fer., Non-F., Prec., White	Coram	(516) 732 - 6403

RECYCLING SERVICES DIRECTORY

Scrap Metal and White Goods

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Palmer Waste & Metal Company	Ferrous, Non-Ferrous	Palmer	(413) 283 - 6371
Pascap Co., Inc.	Ferrous, Non-Ferrous	Bronx	(718) 325 - 7200
Philip Lewis & Sons	Non-Ferrous	Dorchester	(617) 442 - 1250
Pinetree Recycling Corp.	Ferrous, Non-Ferrous	Malborough	(603) 357 - 4586
Planergy, Inc.	Appliances, White Goods	Marlboro	(800) 527 - 7648
Plastics and Metals Industries	Non-Ferrous, Precious	Blodgett Mills	(607) 756 - 7732
Previty's Auto Wrecking	Ferrous, Non-Ferrous	Freedom	(716) 492 - 3936
Prolerized New England Co.	Ferrous	Everett	(617) 389 - 8300
Prospect Iron & Steel Corp.	Drums, Ferrous, Non-Ferrous	Somerville	(617) 666 - 3405
R & R Industries	Ferrous, Non-Fer., White Goods	Springfield	(413) 733 - 2118
R B Scrap Iron & Metal	Drums, Ferrous, Non-F., White	Yonkers	(914) 476 - 2975
R Cohen & Son of Glen Falls, Inc.	Ferr., Non-Ferrous, White	Glen Falls	(518) 792 - 2010
R E Humason Inc.	Non-Ferrous	Southwick	(413) 569 - 6330
R Kelly Freedman & Son, Inc.	Ferrous, Non-Ferrous, White	Green Island	(518) 273 - 1141
R R A S Recycling Center	Drums, Ferrous, Non-F., White	East Vassalboro	(207) 873 - 4022
Raw Materials Corp.	Ferrous, Non-Ferrous	Pt Colborne ONT	(905) 835 - 6774
Raw Materials Corp.	Ferrous, Non-Ferrous Scrap	Buffalo	(888) 937 - 3382
Recyclights	Amalgams	Bloomington	(800) 831 - 2852
Recycling Services, Inc.	Drums, Ferrous, Non-F., Prec., White	Claremont	(603) 542 - 8755
Resource Recovery Sys. of Claverack	Aluminum Foil, Ferrous, Non-Ferrous	Claverack	(860) 767 - 7057
Resource Recovery Sys. of Howes Cave	Aluminum Foil, Ferrous, Non-Ferrous	Howes Cave	(860) 767 - 7057
Resource Recovery Systems Inc.	Aluminum Foil, Ferrous, Non-Ferrous	Centerbrook	(860) 767 - 7057
Resource Recovery Systems Inc.	Aluminum Foil, Ferrous, Non-Ferrous	Kensington	(860) 767 - 7057
Robertson's Auto Salvage	Ferrous, White Goods	Wareham	(508) 295 - 9444
Roger Trucking	Drums, Fer., Non-F., Prec., White	Great Barrington	(413) 528 - 3590
S Kasowitz & Sons	Ferrous, Non-Ferrous	West Haven	(203) 932 - 5978
S Strogroff & Co., Inc.	Ferrous, Non-Ferrous	Chelsea	(617) 884 - 3909
Salitsky Alloys, Inc.	Non-ferrous, Stainless	Worcester	(508) 791 - 2444
Sawyer Environmental	Ferrous, Non-Ferrous	Hampden	(207) 862 - 4200
Schiavone & Sons	Ferrous, Non-Ferrous	North Haven	(203) 777 - 2591
Shetucket Iron & Metal Co.	Drums, Ferrous, Non-Ferrous, White	Norwich	(860) 887 - 1681
Somers Sanitation	All Metals, Fer., Non-F., White	East Windsor	(860) 627 - 5753
Southshore Scrap Iron & Steel	Ferrous, Non-Ferrous, White Goods	Rockland	(781) 871 - 0004
Starr Scrap Metal, Inc.	Non-Ferrous	Worcester	(508) 791 - 0086
State Line Scrap Co.	Ferrous, Non-Ferrous, White Goods	South Attleboro	(508) 399 - 8300
Steel Sealing & Baling Corp.	Ferrous, Non-Ferrous, Copper Wire	Worcester	(508) 799 - 2133
Stratford Baling Co.	Drums, Ferrous, Non-Ferrous, White	Stratford	(203) 377 - 7491
Tombarello Recycling, Inc.	Ferrous, Non-Ferrous, Precious	Lawrence	(978) 682 - 5226
Trotta & Son Rubbish Removal	Non-Fer., White, Radiators, Tanks	Worcester	(508) 798 - 2271
Turner Trucking & Salvage Co., Inc.	Ferrous, White Goods	Lynn	(781) 595 - 3741
Universal Steel & Trading Corp.	Ferrous, Non-Ferrous	Salem	(978) 744 - 0124
Vining Disposal Service, Inc.	Ferrous, Non-Ferrous, White Goods	Revere	(617) 289 - 0500
W F Sullivan Company Inc.	Ferrous, Non-Ferrous, White Goods	Holyoke	(413) 539 - 9664
W M Reisner Corp	Ferrous, Non-Ferrous	Clinton	(978) 365 - 4585
w T e Recycling Inc.	Drums, Fer., Non-F., White	Greenfield	(413) 774 - 3103
Waste Man. of NY	Comp. Chips, Ferr., Non-Ferr., White	Brooklyn	(718) 386 - 7900x325
Waste Management	White Goods, Air Conditioners	Woburn	(781) 933 - 2113
Waste Management of Mass., Inc.	White Goods	Cranston	(800) 972 - 4545
We Cycle Inc.	Ferrous, Non-Ferrous, Precious	Shrewsbury	(508) 792 - 1800
West Shore Recycling	Drums, Fer., Non-F., Prec., White	Pittston	(717) 654 - 4880
Willimansett Waste Co.	Non-Ferrous	Willimansett	(413) 532 - 5315
Windfield Alloy, Inc.	Ferrous, Non-Ferrous, Precious	Lawrence	(978) 689 - 2470
Winthrop Steel	Drums, Fer., Non-F., Prec., White	Fitchburg	(978) 343 - 3627
Wire and Metal Separation Systems	Ferrous, Non-Ferrous	Worcester	(508) 752 - 5070
Wood Recycling, Inc.	Ferrous, Non-Ferrous	Woburn	(800) 982 - 8732
Wood Recycling, Inc.	Ferrous, Non-Ferrous	Peabody	(800) 821 - 7872

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Textiles			
<i>(See also "Scrap Wool" or "Scrap Cotton" in the Yellow Pages.)</i>			
A Shapiro & Sons, Inc.	Textiles	North Adams	(413) 663 - 6525
Asian Export Material Co.	Leather	Boston	(617) 332 - 7929
Beacon Wiper	Wiping Cloths, Textiles	Chelsea	(617) 884 - 5304
Berger & Company	Limited Textiles	Pawtucket	(401) 723 - 7240
Capital Waste & Recycling, Inc.	Textiles	Albany	(518) 433 - 0033
Casella Waste Management	Textiles	Rutland	(802) 775 - 0325
Cyntex Company	Used Clothing, Shoes, Textiles	Hartsdale,	(914) 472 - 4922
Dumont Export Corp.	Textiles, Leather, Large Remnants	Philadelphia	(215) 724 - 8000
DuPont Flooring Systems	Carpeting	Canton	(508) 429 - 9030
Duseau Waste Industries Inc.	Textiles	Hatfield	(413) 586 - 4100
E Butterworth & Co., Inc.	Textiles, Cuttings, Remnants	Dracut	(978) 957 - 3500
E R C Wiping Products	Mill Ends, Cotton Textiles, Linens	Canton	(800) 225 - 9473
Ecosmith Recyclers Inc.	Textiles	Manchester	(603) 647 - 1088
Esleek Manufacturing	Textiles	Turners Falls	(413) 863 - 4326
Gitlin Brothers	Used Clothing, Toweling, Sheets, Wiping	Fall River	(508) 673 - 5884
Jeffco Fibres Inc.	Textiles	Webster	(508) 949 - 0288
K C Recycling Company	Textiles	Abington	(781) 792 - 3913
Maine Marketing Cooperative	Textiles	Bangor	(207) 942 - 6772
Mass Export	Used Clothing, Textiles	Worcester	(508) 752 - 5496
Mighty-Nice-Rags Recycling	Textiles	Broadalbin	(800) 836 - RAGS
Mill-Tex Fibre Processing	Mill Ends, Remnants, Mfg. Scraps	Worcester	(508) 791 - 8005
Oriental Export, Inc.	Textiles	Oakridge	(781) 356 - 2386
Palmer Waste & Metal Company	Textile Scrap	Palmer	(413) 283 - 6371
Pinetree Recycling Corp.	Textiles	Malborough	(603) 357 - 4586
Re:Source/Congress Flooring	Nylon Carpet	Boston	(617) 880 - 4217
Sam Cohen Co., Inc.	Textiles, Used Clothing	Brockton	(508) 586 - 2945
Talbert Trading Corporation	Textiles, Used Clothing	Worcester	(508) 755 - 1342
Textile Waste Supply Co.	Textiles	Charlestown	(617) 241 - 8100
Wood, Construction and Demolition (C&D) Debris			
<i>(See also your Yellow Pages under "Demolition", "Rubbish", "Trees" or "Wood Waste".)</i>			
A - 1 New & Used Plumbing & Heating	Bldg Materials, Fixtures, Plumbing	Somerville	(617) 625 - 6140
A B C Disposal	C&D, Wood Waste	New Bedford	(508) 995 - 0544
A B C Recycling	Asphalt, Brick, Concrete, Gravel, Stone	Andover	(978) 475 - 8153
Aaron Pallet	Pallets	Winchendon	(978) 297 - 3480
American Reclamation Corp.	Asphalt, Brick, Concrete, C & D	Charlton	(508) 248 - 3777
Ashland Sand & Stone	Concrete	Ashland	(508) 881 - 5626
B & D Pallet Co.	Pallets, Wood Waste	Westfield	(413) 568 - 9624
B F I Transcyclery	Wood Waste, Pallets	Auburn	(508) 721 - 2700
Bardon Trimount	Asphalt, Brick, Concrete, Soil	Saugus	(781) 231 - 3400
Bardon Trimount	C&D	Stoughton	(781) 341 - 5500
Berkshire Asphalt Co., Inc.	C&D	Springfield	(413) 734 - 8076
Berkshire Clean-Way	C & D	Dalton	(413) 684 - 0165
Big City Forest	Wood Waste, Pallets	Bronx	(718) 401 - 3211
Boro Sand & Stone Corp.	Blacktop, Concrete	North Attleboro	(800) 649 - 2676
Bridgewater Farm Supply Co., Inc.	Pallets, Wood Waste	Bridgewater	(508) 697 - 0357 x102
Browning-Ferris Industries	Wood Waste, Pallets	Auburn	(800) 551 - 5584
Browning-Ferris Industries	Pallets	Boston	(617) 265 - 0500
Browning-Ferris Industries	C & D	Chicopee	(800) 224 - 6234
Brox Industries	Hot Top, Tree Stumps, Wood, Logs	Dracut	(978) 805 - 9744
Building Materials Resource Center	Building Materials (reusable)	Roxbury	(617) 442 - 8917
C J Mabardy	All C&D, Asphalt, Brick, Concrete	Cambridge	(617) 354 - 7580
Cape Resources Company	Wood Waste	Marstons Mills	(800) 443 - 2613
Capital Paper Recycling Inc.	C & D, Pallets, Wood Waste	East Weymouth	(617) 337 - 9807

Wood, Construction and Demolition (C&D) Debris

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Capital Waste & Recycling, Inc.	C&D, Wood Waste	Albany	(518) 433 - 0033
Cardi Materials Corp.	Asphalt, Concrete, Soil	Warwick	(401) 739 - 8300
Commercial Disposal/United Waste	Asphalt, Concrete, Soil, Wood, Pallets	S. Hadley	(413) 539 - 9036
Commercial Disposal/United Waste	C & D, Pallets	West Springfield	(413) 737 - 1129
Commercial Recycling Systems	C&D, Sandblast Grit	Scarborough	(207) 883 - 3325
Conigliaro Industries	C&D, Pallets, Wood Waste	Framingham	(508) 872 - 9668
Cotton Tree Service, Inc.	Wood Waste	Northampton	(413) 584 - 9104
Coventry Sand and Gravel	C&D	Coventry	(401) 828 - 8989
Dave Wickles Trucking	C & D, Pallets, Wood Waste	Hatfield	(413) 247 - 9231
DuPont Flooring Systems	Carpeting	Canton	(508) 429 - 9030
Duseau Waste Industries Inc.	Concrete, Brick, Clean Wood, Pallets	Hatfield	(413) 586 - 4100
E H Perkins Construction	Concrete & Asphalt	Sterling	(978) 358 - 6161
E L Harvey & Sons	Concrete, Pallets, Wood Waste	Westborough	(800) 321 - 3002
E R R C O	Wood, Pallets, Asphalt, Brick, Concrete	Epping	(603) 679 - 2626
Eirco Environmental, LLC	C&D, Wood Waste	Hampton	(800) 266 - 6222
Energy Answers Corp.	C & D, Pallets, Wood Waste	Pittsfield	(413) 443 - 7373
G - P Gypsum	Gypsum Wall Board	Newington	(603) 433 - 8000
Gagliarducci Construction	Asphalt, Brick, Concrete	Springfield	(413) 543 - 6978
Goodale Construction	Asphalt, Brick, Concrete	Oak Bluffs	(508) 693 - 0768
Graziano Concrete	Concrete	Braintree	(800) 462 - 9901
Hood's Sand and Gravel	Asphalt, Brick, Concrete, Wood	Uxbridge	(508) 278 - 7263
J H Maxymillan Inc.	Asphalt, Brick, Concrete, Wood	Pittsfield	(413) 499 - 3050
J M Cook Co.	Pallets, Clean Wood Waste & Brush	Mendon	(508) 634 - 3300
J R Pacella Development Corp.	Asphalt, Brick, Concrete	Westford	(978) 692 - 3532
Jacques Construction Inc.	Asphalt, Brick, Concrete	South Hadley	(413) 539 - 9331
James G. Grant Co.	C & D	Readville	(617) 361 - 2716
Jet-A-Way / Kemble Waste	C&D, Concrete, Brick, Dirt	Roxbury	(617) 541 - 4000
John J Paonessa Co.	Asphalt, Brick, Concrete	Medford	(781) 395 - 7007
K T I Bio Fuels LP	C&D, Treated Wood Waste	Lewiston	(888) 539 - 9993
Kaknes Wood Products & Landscape	Clean, Untreated/Unpainted Wood, Pallets	Woburn	(617) 933 - 3818
Karta Container & Recycling	C&D, Pallets, Wood Waste	Peekskill	(914) 737 - 9211
Kimbal Sand Company	Asphalt, Brick, Concrete	Blackstone	(508) 883 - 1798
King Road Materials	Asphalt, Concrete	Albany	(518) 382 - 5353
L L & S Inc.	C&D, Pallets, Wood Waste	Salem	(603) 898 - 4089
Labrie Asphalt & Construction	Asphalt, Brick, Concrete	Easthampton	(413) 527 - 6906
Lawrence-Lynch Corp.	Asphalt, Brick, Concrete	Falmouth	(800) 352 - 7188
Lion's Head Organics	Large Wood Waste	Braintree	(781) 356 - 2122
Lopes Construction	Demolition Wood, Concrete, Stumps	Taunton	(508) 824 - 4834
Lorusso Corp.	Asphalt, Brick, Concrete	Plainville	(508) 695 - 3252
Maine Metal Recycling	Demolition Debris	Auburn	(207) 786 - 3531
Mario Susi & Son	Asphalt, Brick, Concrete, Soil	Boston	(617) 265 - 4525
Martin's Farm	Pallets, Wood Waste	Greenfield	(413) 774 - 5631
Mass Wood Recycling, Inc.	C&D, Pallets--Mixed, Open-Top Roll-Offs	North Oxford	(508) 892 - 8787
Master Garbologist, Inc.	C & D, Pallets, Wood Waste	New Marlboro	(413) 229 - 3442
Mattei-Flynn Trucking, Inc.	C&D, Wood Waste, Pallets	Auburn	(508) 754 - 2220
Mayflower Sand & Gravel	Asphalt, Concrete	Plymouth	(800) 660 - 6404
Mich-Lin Transfer Station	All C&D, Asphalt, Brick, Concrete	Cambridge	(617) 354 - 7580
Mid City Scrap Iron & Salvage, Inc.	C&D Metals	Westport	(508) 675 - 7831
Mid City Steel	Structural Steel Plates, Beams, Pipes	Westport	(508) 675 - 7831
N E I	Shingles	Brentwood	(800) 998 - 4634
New England Recycling Co.	Asphalt, Brick, Wood Waste	Taunton	(508) 822 - 4345
O'Donnell Sand & Gravel	Asphalt, Brick, Concrete	Kingston	(781) 585 - 6531
Oakham Sand & Gravel	Asphalt, Brick, Concrete	Oakham	(508) 882 - 3749
P & T Container Service/USA Waste	C & D, Wood Waste	Haverhill	(800) 692 - 0009
P A Landers	Asphalt, Concrete	Plymouth,	(508) 747 - 1800
P J Keating Company	Road Materials	Lunenburg	(978) 582 - 9931

Wood, Construction and Demolition (C&D) Debris

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
P M Recycling	Pallets, Wood Waste	Woonsocket	(401) 765 - 0330
Palmer Paving Corp.	Asphalt, Concrete	Palmer	(413) 283 - 8354
PetroFiber Corporation	Clean Wood, Pallets	Henniker	(603) 428 - 7044
Progress Pallet	Pallets	Chelmsford	(978) 250 - 0095
Re:Source/Congress Flooring	Nylon Carpet	Boston	(617) 880 - 4217
Roger Trucking	C & D, Pallets, Wood Waste	Great Barrington	(413) 528 - 3590
Roy's Recycling Service	Pallets	Wellesley	(781) 237 - 1147
S & H Industries	Wood Waste, Pallets	New Haven	(203) 777 - 5322
S & J Exco, Inc.	Pallets, Wood Waste	South Dennis	(508) 398 - 9206
Sawyer Environmental	Pallets, Wood Waste	Hampden	(207) 862 - 4200
Schiavone & Sons	C & D	North Haven	(203) 777 - 2591
Sheffield Foods	Tree Waste & Wood Chips	Sheffield	(413) 528 - 8066
Somers Sanitation	C & D, Pallets, Wood Waste	East Windsor	(860) 627 - 5753
Stratford Baling Co.	C & D, Pallets, Wood Waste	Stratford	(203) 377 - 7491
T L Edwards Inc.	Asphalt, Brick, Concrete	Avon	(508) 587 - 6953
Ted Ondrick Company LLC	Asphalt, Brick, Concrete	Chicopee	(413) 592 - 2565
Tilcon Capaldi	Asphalt, Aggregate	Swansea	(508) 677 - 3300
Tolman Construction Services, Inc.	C&D	Baldwinville	(800) 231 - 4873
Trojan Recycling	C&D	Brockton	(800) 201 - 2300
Turner Trucking & Salvage Co., Inc.	C&D	Lynn	(781) 595 - 3741
Vining Disposal Service, Inc.	Wood Waste	Revere	(781) 289 - 0500
W J Graves	Asphalt, Brick, Concrete	East Templeton	(978) 939 - 5568
Waste Management of Mass., Inc.	C&D	Cranston	(800) 972 - 4545
West Roxbury Crushed Stone	Asphalt & Concrete	West Roxbury	(617) 323 - 6380
Winthrop Steel	C&D, Pallets, Wood & Yard Waste	Fitchburg	(978) 343 - 3627
Wood Recycling, Inc.	C & D, Wood Waste	Woburn	(800) 982 - 8732
Wood Recycling, Inc.	C&D	Peabody	(800) 821 - 7872
Wood Waste of Boston	C&D, Concrete, Wood Waste	Everett	(617) 387 - 3700

Yard and Food Waste

(See Landscaping" or "Farms" in the Yellow Pages, or see "Wood, Construction and Demolition (C&D) Debris in this Directory.)

A B C Disposal	Yard Waste	New Bedford	(508) 995 - 0544
Agresource, Inc.	Yard & Food Waste	Amesbury	(978) 388 - 5110
B F I Transcyclery	Yard Waste	Auburn	(508) 721 - 2700
Bonnie & Clyde Contracting	Stumps, Brush & Logs	Hudson	(978) 562 - 8920
Bridgewater Farm Supply Co., Inc.	Yard Waste	Bridgewater	(508) 697 - 0357 x102
Browning-Ferris Industries	Yard Waste	Auburn	(800) 551 - 5584
Brox Industries	Yard Waste	Dracut	(978) 805 - 9744
Cape Resources Company	Leaves, Stumps	Marstons Mills	(800) 443 - 2613
Capital Waste & Recycling, Inc.	Yard Waste	Albany	(518) 433 - 0033
Commercial Disposal/United Waste	Yard Waste	S. Hadley	(413) 539 - 9036
Complete Disposal	Yard & Wood Waste	Westfield	(413) 572 - 0015
Cotton Tree Service, Inc.	Wood, Tree Stumps	Northampton	(413) 584 - 9104
Dave Wickles Trucking	Yard & Food Waste	Hatfield	(413) 247 - 9231
Duseau Waste Industries Inc.	Food Waste, Leaves, Grass, Brush	Hatfield	(413) 586 - 4100
E L Harvey & Sons	Yard Waste	Westborough	(800) 321 - 3002
E R R C O	Yard & Food Waste, Leaves	Epping	(603) 679 - 2626
GreenCycle of the Northeast, Inc.	Yard Waste	West Hartford	(860) 953 - 7799
Greenleaf Composting	Yard, Food, Wood, Bedding, Manures	Jamaica Plain	(617) 522 - 4477
J M Cook Co.	Wood & Yard Waste, Stumps, Brush	Mendon	(508) 634 - 3300
James G. Grant Co.	Yard Waste, Soil	Readville	(617) 361 - 2716
Kaknes Wood Products & Landscape	Grass, Leaves, Yard Waste	Woburn	(617) 933 - 3818
Karta Container & Recycling	Yard Waste	Peekskill	(914) 737 - 9211
Lion's Head Organics	Leaves, Yard Waste, Brush	Braintree	(781) 356 - 2122
Martin's Farm	Yard & Food Waste, All Organics	Greenfield	(413) 774 - 5631
Mass Wood Recycling, Inc.	Clean Wood Waste, Stumps	North Oxford	(508) 892 - 8787
Mattei-Flynn Trucking, Inc.	Yard Waste	Auburn	(508) 754 - 2220

Yard and Food Waste

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
McEnroe Organic	Yard Waste	Millerton	(518) 789 - 3252
New England Recycling Co.	Wood, Stumps	Taunton	(508) 822 - 4345
O'Donnell Sand & Gravel	Wood Stumps	Kingston	(781) 585 - 6531
Roy's Recycling Service	Yard Waste	Wellesley	(781) 237 - 1147
S & H Industries	Yard Waste	New Haven	(203) 777 - 5322
S & J Exco, Inc.	Yard Waste	South Dennis	(508) 398 - 9206
Sheffield Foods	Food & Yard Waste	Sheffield	(413) 528 - 8066
Smith Vocational-Agricultural H S	Yard & Food Waste	Northampton	(413) 587 - 1401
Somers Sanitation	Yard Waste	East Windsor	(860) 627 - 5753
Thompson Disposal	Clean Food, Grass, Leaf, Pulp Waste	Burlington	(617) 270 - 0612
Trojan Recycling	Yard Waste	Brockton	(800) 201 - 2300
Vining Disposal Service, Inc.	Wood, Stumps, Leaves	Revere	(781) 289 - 0500
Vining Disposal Service, Inc.	Food & Yard Waste	Revere	(617) 289 - 0500
Waste Management	Yard & Wood Waste	Woburn	(781) 933 - 2113
Wood Recycling, Inc.	Yard Waste	Woburn	(800) 982 - 8732
Wood Recycling, Inc.	Yard Waste, Wood Waste	Peabody	(800) 821 - 7872
Woods End Research Lab	Yard, Food, Soil, & Wood Waste	Mount Vernon	(207) 293 - 2457

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
End-Markets, Materials Recovery/Recycling Facilities (MRFs) & Mills			
<i>The following companies accept only densified shipments of large quantities. Trucking services must be arranged with a third party</i>			
A A A Recycling Sales & Services	Paper, Glass, Plastics, Alum, Steel, Tex	New Bedford	(508) 998 - 3399
A P C Paper Company	White, Mixed, Comp, Spec., OCC, News	Putney	(603) 542 - 0411
American Tissue of NH	All Grades Paper	Winchester	(603) 336 - 5750
Atlantic Poly/EnviroTech Division	HDPE, LDPE	Norwood	(800) 225 - 9492
Automated Recycling Technology	MRF: Alum, Glass, Tin, Plastics 1,2, Eng	Eatontown	(732) 544 - 8447
Automated Recycling, Inc.	MRF: Glass, Plastics 1-7, Alum., Tin	West Bridgewater	(508) 584 - 5004
B F I Transcyclery	MRF: Alum, Glass, Tin, Paper, Plastics	Auburn	(508) 721 - 2700
Ball Foster Glass	Clear and Brown Glass	Milford	(508) 478 - 2500
Bay State Paper Co.	Mill: OCC, Mixed	Hyde Park	(617) 361 - 3500
C T Metal Industries	Plastics 1-7, Alum, Tin, Non-Ferrous	Monroe	(203) 268 - 5909
Cascade Diamond, Inc	Mill: Newspaper	Thorndike	(413) 283 - 8301
Crown Vantage	MRF: High Grade Paper	Adams	(413) 743 - 0290
Data Destruction Services, Inc.	All Grades	Charlestown	(800) 762 - 6765
East Coast Recycling	Post-industrial metals & plastics	East Lebanon	(207) 457 - 1179
Encore Paper Company	End Market: Paper	South Glen Falls	(518) 793 - 5684
EnviroPlastics Corp.	Post-industrial HDPE	Auburn	(508) 832 - 5095
Erving Paper Mill	Mill: Computer, White	Erving	(800) 225 - 7442 X270
F & B Enterprises, Inc.	Mill: Rims, Tires	New Bedford	(508) 999 - 4124
Fulton Scrap Processors	End Market: White Office, All Metals	Fulton	(315) 593 - 7145
Hudson Baylor Corp.	MRF: Glass, Metals, Paper, Plastics	Newburgh	(914) 561 - 0167
I Zaitlin & Sons	All Grades	Woburn	(617) 938 - 0611
Innovative Recycling Services Inc.	All Post-Industrial Plastics	Somers	(914) 232 - 2237
International Paper	Mill: All Grades Paper	Versailles	(203) 823 - 3650
Joseph Freedman Co., Inc.	Ferrous, Non-Ferrous	Springfield	(413) 781 - 4444
K T I of New England	Materials Recovery Facility	Charlestown	(617) 242 - 7746
Marcal Paper Mills, Inc.	Mill: Computer, White, Mixed, Mags.	Elmwood Park	(201) 796 - 4000
Master Garbologist, Inc.	EM, MRF, Mill (Transfer Station)	New Marlboro	(413) 229 - 3442
Merrimac Paper Co.	Mill: Comp, News, SBS, Manila & Bag Rolls	Lawrence	(978) 683 - 2754
Metals Management Inc.	Ferrous, Non-F, Precious	Hartford	(860) 522 - 3123
Mighty-Nice-Rags Recycling	EM: Textiles	Broadalbin	(800) 836 - RAGS
Natick Paperboard	Mill: OCC, Mixed, News/Mags, White, Phbk	Natick	(508) 653 - 9100
Newark Atlantic Paperboard	All Grades Paper	Lawrence	(978) 687 - 7100
Newark Paperboard / Haverhill	All Grade Paper	Bradford	(978) 373 - 4111
Perkit Folding Box	Low Grade Paper	Mattapan	(617) 361 - 1057
Plastic Recyclers Inc.	All Post-industrial Plastics	Assonet	(508) 644 - 3330
Plastic Resale Corp.	Indus. HDPE, LDPE, PP, PS, ABS	West Springfield	(413) 739 - 1508
Polymer Resource Group (P R G)	PETE, HDPE, PVC, LDPE, PP, PS	Baltimore	(410) 686 - 9232
Putney Paper Company, Inc.	White, OCC, News/Mags, Books, Kraft	Putney	(802) 387 - 4074
R B Scrap Iron & Metal	Mill: Ferrous & Non-Ferrous	Yonkers	(914) 476 - 2975
R R T Recycle America/Waste Man.	MRF: Res. Glass, Plastic Bottles 1-7, Paper	Springfield	(413) 747 - 9294
Red Hook Paper Inc.	Mill: OCC, News	Red Hook	(914) 758 - 9200
SelecTech	Post-Indus. LDPE, HDPE, PVC Film	Taunton	(508) 828 - 4200
Springfield Materials Recovery Facility	MRF: Paper, OCC, Bottles & Cans	Springfield	(413) 784 - 1100x286
Texon USA	White, Computer, Specialty Grades	Russell	(413) 862 - 3652
United Paper Stock Co. Inc.	All Grades Paper, Plastics 1-7, Alum	Pawtucket	(401) 724 - 5700
Waste Management Inc.	MRF: Bottles, Cans, Paper Commingled	Gonic	(603) 330 - 2150
We Cycle Inc.	EM-Plastic Parts, Film, Lumps/Chunks	Shrewsbury	(508) 792 - 1800
Wheelabrator R B R C / Pat Scanlon	Button batts & Ni-Cad (contract towns)	Hampton	(800) 682 - 0026

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Redemption Center			
<i>These businesses accept Massachusetts deposit bottles and cans. (Registered with the DEP as of January, 1998.)</i>			
129 Liquors	Deposit Containers	Billerica	(978) 667 - 0245
138 Redemption Center	Deposit Containers	Canton	(781) 575 - 0346
31 Store	Deposit Containers	Ashby	(978) 386 - 7963
A. Ruggieri & Sons, Inc.	Deposit Containers	Greenfield	(413) 772 - 0468
ABC Redemption	Deposit Containers	Somerville	(617) 289 - 2765
ABC Redemption - Wareham	Deposit Containers	East Wareham	(508) 291 - 0004
Adams Redemption Center	Deposit Containers	Adams	(413) 743 - 5786
All Brands Container Recovery	Deposit Containers	Wakefield	(781) 246 - 9970
All Redemption Company	Deposit Containers	Orleans	(508) 255 - 0375
Amesbury Redemption Ctr.	Deposit Containers	Amesbury	(978) 388 - 5088
Athol Bottle & Can Return	Deposit Containers	Athol	(978) 249 - 8648
Atlantic Bottle and Can	Deposit Containers	Quincy	(617) 689 - 0633
Atlantic Food Mart, Inc.	Deposit Containers	Reading	(781) 941 - 0054
Attleboro Redemption Ctr.	Deposit Containers	Attleboro	(508) 222 - 6369
Bacon's Spirits Co. Inc.	Deposit Containers	Hudson	(978) 562 - 6650
BAP RAM, Inc.	Deposit Containers	Ayer	(508) 772 - 5232
Barnstable Bottle Shoppe	Deposit Containers	Hyannis	(508) 778 - 2767
Bay St. Bottle & Can	Deposit Containers	Springfield	(413) 787 - 9940
Becker's Package Store	Deposit Containers	Hyannis	(508) 775 - 0611
Beer, Wine & More	Deposit Containers	Billerica	(978) 663 - 7801
Best Buy Beverages	Deposit Containers	Mashpee	(508) 477 - 3675
Better Bottle & Redemption	Deposit Containers	Burlington	(781) 273 - 1373
Beverage Mart, Inc.	Deposit Containers	Springfield	(413) 543 - 9113
Bill Bailey's Package	Deposit Containers	Fitchburg	(978) 342 - 0125
Bliss Corner Redemption	Deposit Containers	So. Dartmouth	(508) 999 - 6156
Bottle Bill's Redemption	Deposit Containers	Framingham	(508) 879 - 2511
Bradford's Package Store	Deposit Containers	Plymouth	(508) 746 - 1298
Bridgewater Bottle & Can	Deposit Containers	Bridgewater	(508) 697 - 6151
Brighton Bottle and Can	Deposit Containers	Brighton	(617) 782 - 2050
Brockton Bottle & Can	Deposit Containers	Brockton	(508) 587 - 0869
Browne's Package Store	Deposit Containers	Wareham	(508) 295 - 2220
Bruso Liquor Mart, Inc.	Deposit Containers	Ware	(413) 967 - 8332
Bullard's Market, Inc.	Deposit Containers	Medfield	(508) 359 - 4462
C & L Redemption Center	Deposit Containers	New Bedford	(508) 990 - 3878
Cambridge Bottle & Can	Deposit Containers	Cambridge	(617) 497 - 2060
Can Do	Deposit Containers	Framingham	(508) 370 - 4103
Can King Redmeption, Inc.	Deposit Containers	New Bedford	(508) 998 - 8118
Can Man Redemption Center	Deposit Containers	Kingston	(617) 864 - 6198
Canpello Redemption Ctr.	Deposit Containers	Brockton	(508) 580 - 1666
Cans for Cancer, Inc.	Deposit Containers	Auburn	(508) 770 - 1250
Cans to Cash	Deposit Containers	Framingham	(508) 370 - 0057
Cappuccio Liquors	Deposit Containers	Salem	(978) 744 - 1630
Carver Square Wine/Spirit	Deposit Containers	Carver	(508) 866 - 7727
Clean Streets Redemption	Deposit Containers	Everett	(617) 381 - 1795
Clocktown Liquors, Inc.	Deposit Containers	Ashland	(508) 881 - 1200
Colonial Package Store	Deposit Containers	Rutland	(508) 886 - 4238
Colonial Shoppe Redemption	Deposit Containers	Hudson	(978) 562 - 5320
Colony One, Inc.	Deposit Containers	Auburn	(508) 832 - 9454
Commonwealth Can Co.	Deposit Containers	Abington	(781) 857 - 2575
Cosgrove's Liquors	Deposit Containers	Salem	(978) 744 - 4000
Cushing School/Train.Ctr.	Deposit Containers	Hanover	(617) 826 - 6371x280
Daggett's Liquors	Deposit Containers	South Yarmouth	(508) 398 - 6688
Disposal Facility	Deposit Containers	Wellesley	(781) 235 - 7600x342
E & C Bottle/Can Return	Deposit Containers	E. Cambridge	(617) 492 - 5588

Redemption Center

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
East Boston Bottle & Can	Deposit Containers	East Boston	(617) 561 - 0331
Essex Redemption	Deposit Containers	Lawrence	(978) 689 - 7700
Evening College	Deposit Containers	Chestnut Hill	(617) 552 - 3900
F & M Redemption Ctr.	Deposit Containers	Lynn	(781) 592 - 0643
Family Foods	Deposit Containers	East Falmouth	(508) 540 - 2330
Family Redemption Center	Deposit Containers	New Bedford	(508) 990 - 8435
Feeding Hills Redemption	Deposit Containers	Feeding Hills	(413) 786 - 7408
Fields Station Liquors, Inc.	Deposit Containers	Dorchester	(617) 825 - 8481
Fitchburg Bottle & Can	Deposit Containers	Fitchburg	(508) 343 - 2800
Five Cents Worth Redemption	Deposit Containers	Worcester	(508) 797 - 9155
Four Corners Recycle Corp	Deposit Containers	Dorchester	(617) 287 - 0013
Foxboro Bottle & Can	Deposit Containers	Foxborough	(508) 668 - 9167
GEM Liquors	Deposit Containers	West Roxbury	(617) 323 - 5544
Globe Redemption Center	Deposit Containers	Fall River	(508) 675 - 2839
Globe Redemption Center	Deposit Containers	Fall River	(508) 673 - 2461
Gloucester Central Package	Deposit Containers	Gloucester	(978) 283 - 0630
Grady's Country Spirits	Deposit Containers	Winchendon	(978) 297 - 0450
Harney's Redemption Ctr.	Deposit Containers	South Dennis	(508) 394 - 1345
Harris Bros. Redemption	Deposit Containers	Salisbury	(508) 465 - 3632
Haverhill Redemption Ctr.	Deposit Containers	Haverhill	(978) 372 - 7632
Hyde Pk-Dedham Bottle/Can	Deposit Containers	Hyde Park	(617) 361 - 3441
Ideal Recycling Company	Deposit Containers	Worcester	(508) 757 - 2792
J and K Redemption Center	Deposit Containers	Lynn	(781) 581 - 5777
Jackson's Variety	Deposit Containers	Fairhaven	(508) 993 - 2319
Jamaica Plain Redemption	Deposit Containers	Jamaica Plain	(617) 524 - 9021
Jan's Package Store, Inc.	Deposit Containers	Cherry Valley	(508) 892 - 8336
Jay's Liquors	Deposit Containers	Fitchburg	(978) 343 - 0171
Jordan Redemption Center	Deposit Containers	Lowell	(508) 458 - 9134
K & R Redemption Center	Deposit Containers	Watertown	(781) 924 - 3545
Kans for Cash	Deposit Containers	Fairhaven	(508) 992 - 1675
Kenyon's Market, Inc.	Deposit Containers	East Falmouth	(508) 540 - 2155
Leominster Bottle & Can	Deposit Containers	Leominster	(978) 534 - 5087
Life Focus Center	Deposit Containers	Charlestown	(617) 242 - 3423
Lion Liquor	Deposit Containers	Chelsea	(617) 884 - 4400
Lippe's Package Store	Deposit Containers	Southbridge	(508) 764 - 7931
Liquors 44 of Hadley, Inc.	Deposit Containers	Hadley	(413) 253 - 9344
Liquors 44 of Holyoke, Inc.	Deposit Containers	Holyoke	(413) 534 - 4555
Liquors 44 of Northampton	Deposit Containers	Northampton	(413) 586 - 3007
Lowell Bottle N Can	Deposit Containers	Lowell	(978) 453 - 0878
Lowell Redemption Center	Deposit Containers	Lowell	(978) 453 - 5744
Main St. Redemption	Deposit Containers	Springfield	(413) 788 - 8742
Main Street Redemption	Deposit Containers	Haverhill	(978) 657 - 5226
Malden Redemption Center	Deposit Containers	Malden	(781) 289 - 2765
Martin's Warehouse Liquor	Deposit Containers	South Yarmouth	(508) 394 - 0224
Mass Can (SMOC)	Deposit Containers	Framingham	(508) 620 - 2315
Mattapan Bottle & Can Return	Deposit Containers	Mattapan	(617) 296 - 4363
Mayflower Food & Spirits	Deposit Containers	Plymouth	(508) 746 - 1886
Methuen Redemption	Deposit Containers	Lawrence	(978) 691 - 5799
Mid-Cape Redemption Ctr.	Deposit Containers	S. Yarmouth	(508) 398 - 0648
Milford Redempt/Bev Center	Deposit Containers	Milford	(508) 478 - 5599
Muckey's	Deposit Containers	Lakeville	(508) 947 - 1144
Muckey's	Deposit Containers	Pembroke	(781) 826 - 3199
N. Main St. Redemption	Deposit Containers	Brockton	(508) 580 - 0932
North Plymouth Liquors	Deposit Containers	Plymouth	(508) 746 - 0099
Notre Dame Market	Deposit Containers	Westfield	(413) 562 - 2761
Page's Grocery & Liquor	Deposit Containers	Stoughton	(781) 344 - 3303

Redemption Center

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
Parker's Discount Liquors	Deposit Containers	Hyannis	(508) 771 - 1969
Peabody-Salem Bottle/Can	Deposit Containers	Peabody	(978) 532 - 4110
Peerless Package	Deposit Containers	Fitchburg	(978) 342 - 1132
Penny Wise Market	Deposit Containers	Worcester	(508) 753 - 7913
Pleasant St General Store	Deposit Containers	Marlboro	(508) 481 - 1250
Premium Redemption Ctr.	Deposit Containers	New Bedford	(508) 999 - 4724
R & B Liquors	Deposit Containers	New Bedford	(508) 993 - 6715
R & K Redemption Center	Deposit Containers	Orange	(978) 544 - 8890
R & W Redemption	Deposit Containers	Taunton	(508) 822 - 2088
Reading Redemption Center	Deposit Containers	Reading	(617) 942 - 0769
Recan Redemption Center	Deposit Containers	Norwood	(781) 769 - 0742
Redempt Ctr of Tewksbury	Deposit Containers	Tewksbury	(978) 657 - 6532
Redemption Plus, Inc.	Deposit Containers	Rehoboth	(508) 222 - 5590
Redemption Plus, Inc.	Deposit Containers	Rehoboth	(508) 336 - 2669
Refugee Apostolate, Inc.	Deposit Containers	Worcester	(508) 831 - 7455
Regal Redemption Center	Deposit Containers	Whitman	(781) 447 - 8474
Revere Bottle & Can	Deposit Containers	Revere	(781) 289 - 2765
Ro-Art Redemption Ctr.	Deposit Containers	New Bedford	(508) 992 - 8095
Roslindale Redemption	Deposit Containers	Roslindale	(617) 325 - 5131
Route 20 Redemptinon Ctr.	Deposit Containers	Monson	(413) 283 - 9415
Route 20-2 Redemption Ctr	Deposit Containers	Belchertown	(413) 283 - 9415
RRT Recycle America, Inc.	Deposit Containers	Springfield	(413) 747 - 9294
Rymco, Inc.	Deposit Containers	Buzzards Bay	(508) 759 - 5120
S and G Redemption	Deposit Containers	Lunenburg	(978) 342 - 4345
Sandwich Spirit Shoppe	Deposit Containers	Sandwich	(508) 888 - 7700
Sandwich Variety	Deposit Containers	Sandwich	(508) 888 - 3362
Shaker Village Liquors	Deposit Containers	Fall River	(508) 673 - 8080
Soda & Pet Food City	Deposit Containers	Hadley	(413) 789 - 2259
Soda & Pet Food City, Inc.	Deposit Containers	Agawam	(413) 789 - 2259
Soda and Pet Food City	Deposit Containers	Springfield	(413) 789 - 2259
Somerset Liquors	Deposit Containers	Somerset	(508) 674 - 1311
South End Bottle & Can	Deposit Containers	Boston	(617) 233 - 2772
South Peabody Liquors	Deposit Containers	Peabody	(978) 531 - 8670
South Shore Redemption	Deposit Containers	Cohasset	(781) 383 - 3100
St. Michael's H.A.S.P.	Deposit Containers	Lowell	(978) 458 - 2334
Star Redemption Center	Deposit Containers	Brockton	(508) 588 - 2406
Ted's Package Store	Deposit Containers	Charlton City	(508) 248 - 5538
Temple Liquors, Inc.	Deposit Containers	Whitman	(781) 447 - 3625
Templeton Development Ctr.	Deposit Containers	Baldwinville	(978) 939 - 2161x2440
Tewksbury Bev & Redempt.	Deposit Containers	Tewksbury	(978) 640 - 1198
The Beverage Station	Deposit Containers	Salem	(978) 745 - 1965
The Bottle Shop	Deposit Containers	Longmeadow	(413) 567 - 6142
The Master Garbologist	Deposit Containers	New Marlborough	(413) 229 - 3442
Town Line Liquors, Inc.	Deposit Containers	Natick	(508) 653 - 7854
Towne Liquors	Deposit Containers	Swansea	(508) 324 - 1935
Townsend Package Store	Deposit Containers	Townsend	(978) 597 - 2502
U.S.A. Recycling	Deposit Containers	Taunton	(508) 824 - 7488
Union Sq. Redemption Ctr.	Deposit Containers	Somerville	(617) 666 - 5714
Union St. Redemption	Deposit Containers	North Adams	(413) 663 - 8625
Walpole Redemption Center	Deposit Containers	Walpole	(508) 668 - 9615
Waltham Bottle & Can Return	Deposit Containers	Waltham	(781) 647 - 4754
Watroba's Inc.	Deposit Containers	Amherst (North)	(413) 549 - 0933
Waverly Redemption Center	Deposit Containers	Waltham	(781) 899 - 1332
Weymouth Can & Bottle	Deposit Containers	No. Weymouth	(781) 337 - 4048
Weymouth Scout Force Redemption	Deposit Containers	E. Weymouth	(781) 331 - 6006
Whit's Market	Deposit Containers	Kingston	(781) 565 - 6060

RECYCLING SERVICES DIRECTORY**Redemption Center**

<u>Company</u>	<u>Materials</u>	<u>City</u>	<u>Telephone</u>
White Eagle Soda Co., Inc.	Deposit Containers	Ludlow	(413) 583 - 2333
Wilbur Liquors & Video	Deposit Containers	Somerset	(508) 673 - 2530
Wilmington Redemption Ctr.	Deposit Containers	Wilmington	(978) 657 - 7501
Woburn Redemption Center	Deposit Containers	Woburn	(781) 935 - 3705
Worcester-Middlesex Redemption	Deposit Containers	Marlboro	
WRedemco - Wrentham	Deposit Containers	Wrentham	(508) 660 - 1067
WRedemco-Walpole	Deposit Containers	Walpole	(508) 660 - 1067
Your Market Redemption	Deposit Containers	Edgartown	(508) 693 - 4131

Other Sources of Recycling Markets Information

- **Alliance of Foam Packaging Recyclers**
Croston, MD (800) 944-8448
Provides market information, educational, and resource materials about expanded polystyrene foam packaging recycling.
- **Aluminum Association** (202) 862-5100
Washington, DC
Provides market information & promotes aluminum recycling.
- **American Forest & Paper Association (AFPA) Paper Information Center** (202) 463-2700
Washington, DC
Provides market information, publications, videos and other resources about the paper industry. Publishes the National Wood Recycling Directory (1st ed., January 1996) which lists wood recyclers across the U.S. by county and a list of recycling contacts by state.
- **American Plastics Council** (800) 2-HELP-90
Washington, DC
Provides market information on recyclable plastics and offers technical assistance for establishing recycling programs.
- **Aseptic Packaging Council** (800) 277-8088
Washington, DC
Promotes recycling of drink boxes and milk cartons, and provides resources for setting up school and residential recycling programs.
- **Center for Ecological Technology (CET)**
Pittsfield & Northampton, MA (413) 445-4556
Provides Western Mass. with information, education, and services on recycling, energy, and resource conservation.
- **Chelsea Center for Recycling & Economic Develop.**
Chelsea, MA (617) 887-2300
Provides technical and business assistance to Massachusetts manufacturers to increase their use of secondary materials.
- **Composting Council** (703) 748-1951
McLean, VA
Provides information, educational materials and resources on composting.
- **Container Recycling Institute** (703) 276-9800
Arlington, VA
Provides recycling information for all types of beverage containers and technical assistance on ways to reduce container and packaging waste. Conducts research on laws for deposit containers and redemption systems.
- **Council for Textile Recycling** (301) 656-1077
Bethesda, MD
Provides educational and resource information for recycling textiles or purchasing recycled textile products.
- **E-Call, The Massachusetts Recycling Hotline**
Boston, MA (800) 800-6881
Hotline service that provides updates on the latest recycling information for every city and town in Mass.
- **Earthworm, Inc.** (617) 628-1844
Somerville, MA
Provides information, education and guidance on recycling programs for institutions, schools and residents.
- **Environmental Defense Fund** (800) CALL-EDF
New York, NY
Refers callers to sources of recycling information by zip code.
- **Fundamental Action to Conserve Energy (FACE)**
Fitchburg, MA (978) 345-5385
Provides conservation information on energy and recycling issues in North Central Mass.
- **Glass Packaging Institute** (202) 887-4850
Washington, DC
Provides market information and promotes the recycling of glass containers.
- **Institute of Scrap Recycling Industries**
Washington, DC (202) 737-1770
Provides information on all types of scrap recycling.
- **Massachusetts Buy Recycled Business Alliance**
Boston, MA (617) 236-7715
Pittsfield, MA (413) 445-4556
Provides technical assistance and resource materials to businesses interested in purchasing products made with recycled content.
- **MassRecycle** (617) 338-0244
Boston, MA
A statewide coalition dedicated to promoting waste reduction, reuse, recycling and recycled product procurement in Mass. Publishes a newsletter and conducts tours and recycling education programs.
- **National Association for Plastic Container Recovery**
Charlotte, NC (704) 434-9400
Promotes PET soda bottle recycling and provides educational materials to assist in program implementation.
- **National Electrical Manufacturers Association**
Rosslyn, VA (703) 841-3200
Provides information on source reduction and recycling of batteries.
- **National Office Paper Recycling Project**
U.S. Conference of Mayors (202) 293-7330
Washington, DC
Publications on paper grades, office paper recycling, and purchasing of recycled papers.

Other Sources of Recycling Market Information (Continued)

- **National Recycling Coalition** (703) 683-9025
Alexandria, VA
A nonprofit organization committed to promoting recycling as an integral part of waste and resource management. The coalition disseminates public information and operates programs that encourage recycling, market and economic development.
- **National Solid Wastes Management Association - Northeast Region** (508) 650-0224
Natick, MA
Association for waste haulers. Provides information on solid waste and recycling.
- **Northeast Industrial Waste Exchange**
Annapolis, MD (410) 280-2080
Publishes matches for buyers and sellers of industrial secondary materials.
- **Northeast Resource Recovery Association**
Concord, NH (603) 224-6996
A cooperative for the marketing of recyclables. Provides market information, education, and technical assistance about recycling for its members. Performs research development for new commodity markets.
- **Paper Matcher: A Directory of Paper Recycling Markets (AFPA)** (800) 244-3090
Washington, DC
A directory of paper markets in the U.S. which includes mills, paper dealers and recycling centers. Free for members; \$5 for non-members.
- **Polystyrene Packaging Council** (202) 974-5205
Washington, DC
Provides market information, educational and resource materials and environmental information about polystyrene recycling.
- **Recycling Data Management** (800) 267-0707
Ogdensburg, NY
Call to order a guide (subscription fee) with information on recycled products, markets, and products purchasing.
- **Scrap Tire Management Council** (202) 682-4880
Washington, DC
Provides market and resource information about scrap tire recycling.
- **Steel Recycling Institute Northeast Regional Office** (978) 266-1847
Boxboro, MA
Promotes steel recycling and provides educational materials to assist in program implementation.

Periodicals on Recycling:

- ◆ BioCycle (610) 967-4135
- ◆ Composting News (216) 362-7979
- ◆ Container Recycling Report (503) 227-1319
- ◆ Fibre Market News (800) 456-0707
- ◆ MSW Management (805) 681-1300
- ◆ Paper Stock Report (216) 362-7979
- ◆ Plastics Recycling Update (503) 227-1319
- ◆ Recycled Paper News (216) 362-7979
- ◆ Recycling Times (800) 829-5443
- ◆ Recycling Today (800) 456-0707
- ◆ Resource Recycling (503) 227-1319
- ◆ Waste Age (800) 829-5443
- ◆ Waste Dynamics-Northeast (603) 624-1442
- ◆ Waste News (800) 678-9595

- **WasteCap of Massachusetts** (617) 236-7715
Boston, MA
Provides free business-helping-business recycling services and publications including site visits, open houses, an annual report, a newsletter, and buy recycled information.

Massachusetts Regional Recycling Districts

- **Carver/Marion/Wareham Regional Refuse District**
Town Hall, 2 Spring Street
Marion, MA 02738
CONTACT: Ray Pickles, (781) 748-3550
- **Franklin County Solid Waste Management District**
50 Miles Street, 1st Floor
Greenfield, MA 01301
CONTACT: Bob Rottenberg, (413) 772-2438
- **Eastern Hampshire Refuse District**
c/o Amherst Town Hall
Amherst, MA 01002
CONTACT: Stan Ziomek, (413) 256-4004
- **Greater New Bedford Regional Refuse Man. Dist.**
Dartmouth Town Hall, Room 214
400 Slocum Road
North Dartmouth, MA 02747
CONTACT: Virginia Valies, (781) 993-2604

Massachusetts Regional Recycling Districts (Continued)

- **Martha's Vineyard Regional Refuse Disposal District**
P.O. Box 2067
Edgartown, MA 02539
CONTACT: Charles Noonan, (508) 627-4501
- **Northern Berkshire Solid Waste Management District**
18 East Street
Adams, MA 01220
CONTACT: Sandy Donahue, (413) 743-8208
- **Southern Berkshire Solid Waste Management District**
P.O. Box 235
Sheffield, MA 01257
CONTACT: Larry Lampman, (413) 528-5922

Massachusetts Regional Recycling Associations

- **Cape Cod Commission**
Barnstable, Bourne, Brewster, Chatham, Dennis, Eastham, Falmouth, Harwich, Mashpee, Orleans, Provincetown, Sandwich, Truro, Wellfleet, Yarmouth
CONTACT: David Hall, Waste Management Coordinator, 3225 Main St., P.O. 226, Barnstable, MA 02630-0226, (508) 362-3828, FAX: (508) 362-3136.
- **Central MA Resource Recovery Committee (CMRRC)**
Auburn, Boylston, Grafton, Holden, Leicester, Millbury, Northboro, North Grafton, Oxford, Rutland, Shrewsbury, Southboro, Webster, Westboro, West Boylston, Worcester
CONTACT: Bob Fiore, Worcester DPW, 20 East Worcester St., Worcester, MA 01604, (508) 799-1430.
- **Eastern Massachusetts Recycling Association (EMRA)**
48 communities in the Route 128/95 area belong to this organization.
CONTACT: Don Marshall, P.O. Box 12, Bedford, MA 01730, (781) 275-0637.
- **Hilltown Resource Management Cooperative**
Ashfield, Chesterfield, Cummington, Goshen, Hatfield, Huntington, Middlefield, Plainfield, Westhampton, Williamsburg, Worthington
CONTACT: Eric Weiss, Coordinator, P.O. Box 630, Williamsburg, MA 01096, (413) 268-3845.
- **Millis Consortium**
Dedham, Foxborough, Framingham, Medfield, Medway, Millis, Natick, Needham, Norfolk, Norwood, Sherborn, Walpole, Westwood, Wrentham
CONTACT: Robin Chapell, Town Hall, 135 School St., Walpole, MA 02081, (508) 660-7320.
- **Northeast Regional Recycling Committee (NERRC)**
Amesbury, Boxford, Georgetown, Groveland, Haverhill, Ipswich, Merrimac, Middleton, Newbury, Newburyport, Rowley, Salisbury, Topsfield, West Newbury
CONTACT: Karen Sheridan, 10 Sheffield Rd., Boxford, MA 01921, (978) 887-5519.
- **North East Solid Waste Committee (NESWC)**
Acton, Andover, Arlington, Bedford, Belmont, Boxborough, Burlington, Carlisle, Dracut, Hamilton, Lexington, Lincoln, Manchester, North Andover, North Reading, Peabody, Tewksbury, Watertown, Wenham, Westford, West Newbury, Wilmington, Winchester
CONTACT: Robert Beaudoin, NESWC, 530 Atlantic Ave., Boston, MA 02210, (617) 443-1350.
- **South Central Recycling Association of Massachusetts (SCRAM)**
Barre, Brimfield, Brookfield, Dudley, East Brookfield, Hardwick, Holland, Hubbardston, Leicester, Monson, New Braintree, North Brookfield, Oakham, Palmer, Southbridge, Spencer, Sturbridge, Wales, Ware, Warren, West Brookfield
CONTACT: John Alphin, Regional Coordinator, 27 Ashley Rd., North Brookfield, MA 01535, (508) 867-9491.
- **South Shore Regional Refuse Disposal Planning Board (South Shore Recycling Cooperative)**
Cohasset, Duxbury, Hanover, Hingham, Hull, Kingston, Marshfield, Norwell, Pembroke, Plymouth, Rockland, Scituate, Weymouth
CONTACT: Carol Swete, Solid Waste Planner, 161 Summer Street #5, Kingston, MA 12402, (781) 585-1626, FAX: (781) 585-1762.
- **Western & Central Massachusetts Materials Recycling Facility**
97 communities in western and central Massachusetts.
CONTACT: Amy Gilburg, DEP-Western Region, 436 Dwight St., Springfield, MA 01103, (413) 784-1100 x286.

APPENDIX F
OZONE DEPLETING SUBSTANCES PLAN

MEMORANDUM FOR LCRB Manager

SUBJECT: ODS Elimination Plan

1. In reference to the memo dated 17 July 1996, asking for an inventory of ODS at LCRB projects

2. Inventory of ODS Equipment and Supplies.

A. Equipment

1. Location: Project Office, Hallway
Ownership: USACE
Equipment Type: Drinking Water Cooler
Model # CP10-002 Serial # 9102 008238
Chemical Used: Refrigerant 500, (R12) 4.5 ounces
Class I ODS
Operating Record: Installed 30 June 1992
Maintenance Record: No scheduled maintenance, or emergency repairs, has been or is to be done.
Future Plans: Equipment will be replaced through normal attrition.
2. Location: Project Office, Boiler Room
Ownership: USACE Bar Code # 41474
Equipment Type: Fedders Air Conditioning Unit
Model # ASM12E2J Serial # FZ5113761588
Chemical Used: Refrigerant 22, 27.0 ounces
Class II ODS
Operating Record: Installed May 1988
Maintenance Record: No scheduled maintenance, or emergency repairs, has been or is to be done.
Future Plans: Equipment will be replaced through normal attrition.
3. Location: Project Office, Storage Bay
Ownership: USACE Bar Code # 19369
Equipment Type: Fedders Air Conditioning Unit
Model # ASM12E2J Serial # FA 7455151609
Chemical Used: Refrigerant 22, 29.5 ounces
Class II ODS
Operating Record: Installed May 1988

MEMORANDUM FOR LCRB Manager

SUBJECT: ODS Elimination Plan, (cont'd)

Maintenance Record: No scheduled maintenance, or emergency repairs, has been or is to be done.

Future Plans: Equipment will be replaced through normal attrition.

4. Location: Project Office, Cold Storage Bay
Ownership: USACE Bar Code # 19364
Equipment Type: G.E. Household Refrigerator
Model # TB14SVF Serial # TA627718
Chemical Used: Refrigerant 12, 5.75 ounces
Class I ODS
Operating Record: Excess property from Fort Devens Housing.
Installed March 1988
Maintenance Record: No scheduled maintenance, or emergency repairs, has been or is to be done.
Future Plans: Equipment will be replaced through normal attrition.
5. Location: Project Office, Cold Storage Bay
Ownership: USACE Bar Code # 14919
Equipment Type: ¾ Ton Chevy Pickup, Air Conditioning Unit, (Harrison)
Model # 3090928 Serial # None
Chemical Used: Refrigerant 12, 2.5 ounces
Class I ODS
Operating Record: Vehicle entered service on 5/1/89
Maintenance Record: Refrigerant recharged on 11 July 1992.
Future Plans: Equipment will be replaced through normal attrition.

B. Supplies: -Supplies will be used until exhausted or disposed of as a hazardous waste.
All replacement supplies will not contain ODS's. The following list contains no recycled products.

1. Item: Bee Bopper Wasp and Hornet Spray
Chemical Type: $C_2H_5Cl_3$, Class I ODS
Storage Location: Paint Locker, UB
Allocation: Insecticide
Amount: Contained in 22, 14 ounce cans, (actual amount of chemical is unknown).

MEMORANDUM FOR LCRB Manager

SUBJECT: ODS Elimination Plan, (cont'd)

2. Item: Paint Thinner, Type III
Chemical Type: Aliphatic Hydrocarbon, Class ?
Storage Location: Paint locker
Allocation: Paint Thinner
Amount: Contained in 2, 1 gallon cans, (actual amount of chemical is unknown).
3. Item: X O Rust, Interior/Exterior Enamel
Chemical Type: Aromatic Hydrocarbon, Class ?
Storage Location: Paint locker
Allocation: Paint
Amount: Contained in 2, 1 quart cans, (actual amount of chemical is unknown).
4. Item: Brakleen
Chemical Type: $C_2H_3Cl_3$, Class I ODS
Storage Location: Paint locker
Allocation: Parts Cleaner
Amount: Contained in 1, 19 ounce can, (actual amount of chemical is unknown).
5. Item: Corrosion Preventive Compound
Chemical Type: CCL_2F_2 / CCL_2FCCIF_2 / CHF_2Cl , Class I ODS
Storage Location: Paint locker
Allocation: Coating
Amount: Contained in 5, 16 oz cans (actual amount of chemical is unknown).
6. Item: Gunk Heavy Duty Silicone
Chemical Type: $C_2H_3Cl_3$, Class I ODS
Storage Location: Paint locker
Allocation: Coating
Amount: Contained in 1, 14 oz can (actual amount of chemical is unknown).

MEMORANDUM FOR LCRB Manager

SUBJECT: ODS Elimination Plan, (cont'd)

3. Conservation Measures.

- A. Equipment -All equipment that uses ODS are sealed systems. Installation of leak detection systems is not warranted and would be impractical.

-An inspection program for this equipment which includes looking for leaks, can be incorporated into our work place safety inspections which are currently done twice a year.

-Leaking, damaged or unusable equipment will be taken to a service dealer who can recover and recycle the ODS. Equipment will be replaced through normal attrition and budget process.

4. ODS Recovery and Reuse.

- A. Equipment -Any recovery and/or recycling will be accomplished by a certified service dealer.

- B. Supplies - Supplies will be used until exhausted or disposed of as a hazardous waste. All replacement supplies will not contain ODS's, if possible.

5. The Elimination Plan.

- A. Equipment -Retrofit of existing equipment which uses ODS is not justifiable.
-All equipment that uses ODS is considered to be of low priority. Replacement will be through normal attrition. Equipment that is hermetically sealed will be used until required.

- B. Supplies -Supplies will be used until exhausted or disposed of as a hazardous waste. All replacement supplies will not contain ODS's, if possible.

6. Resources for the Elimination Plan.

- A. Equipment -Funds will be budgeted to replace equipment that contains ODS starting in FY 97 as follows:
1. Household refrigerator -Replace when no longer serviceable according to Class I phase out schedules. Estimated cost -\$1000.00

31 December 1997

MEMORANDUM FOR LCRB Manager

SUBJECT: ODS Elimination Plan, (cont'd)

2. Two household air conditioners -Replace when no longer serviceable according to Class II phase out schedules. Estimated cost -\$1200.00

3. Chevy ¾ ton Pickup -Budgeted to be replaced in FY 98 with new truck that does not contain ODS air conditioning system.

7. Reporting Progress of the Elimination Plan.

Birch Hill Dam elimination plan will be updated annually by 01 December, (prior to the annual budget cycle.)

James H. Bacon
Park Manager
Birch Hill Dam

CF:
PF